



2009

Alaska Forum on the Environment

February 2 - 6, 2009

Egan Convention Center

Dena'ina Convention Center

Anchorage, Alaska



Our Organization:

The Alaska Forum, Inc. was initially formed to support an annual education event, the Alaska Forum on the Environment, which celebrates its 11th year in 2009. This widely recognized event began in 1990 as the Alaska Federal Facility Environmental Roundtable; an annual conference focused on contaminants, hazardous waste cleanup, hazardous materials management, pollution prevention, etc. at federal facilities. It was expanded by an agreement called the Statement of Cooperation between, the leadership of environmental regulators, military departments, and federal agencies. The Alaska Forum on the Environment-- the Alaska Forum, Inc. operates as a 501(c)(3) non-profit organization to support this annual educational event and to extended our mission to promote effective cooperation, communication and education in Alaska.

Our Process:

The Alaska Forum on the Environment results from the efforts of a diverse group of organizations that serve as our Planning Committee and seeks to provide an open exchange of ideas and information in a respectful and courteous atmosphere. The structure of the event allows the opportunity to reach a greater understanding of the issues and of each other among the full range of participants: rural and urban; industry and private; agency and public; students and scholars; ...and those who are just plain interested in the environment!

Our event is successful with the dedicated support of volunteers using a team approach that is respectful of the diversity of opinions and perspectives of all Alaskans.

We actively seek agenda input throughout the planning process. While most topics are informational, others present more complex issues and challenges facing environmental, corporate, and regulatory agencies in Alaska. We actively work to best address all issues including those that are complex by structuring sessions to encourage problem solving and present diverse perspectives and alternative viewpoints. We encourage the opportunity for an informed and respectful dialogue with all of our presenters.

The Alaska Forum on the Environment, and other Alaska Forum programs and projects do not take political or advocacy positions. The result is a hugely diverse agenda, with more than 170 Presenters, 80 Breakout Sessions, and seven Keynote Events. Topics and the presenters range from Alaska's communities, to federal, state and tribal government agencies, international organizations and governments, to those specialized in technical science and the environment.

If you are interested in helping to shape the agenda of the Alaska Forum on the Environment, please contact us as your support is welcome!

Our Funding:

The Alaska Forum on the Environment is a 501(c)(3) non-profit organization. Approximately 40 percent of our funding is provided in voluntary contributions and sponsorships by our leadership partners. Our leadership partners are organizations that invest both staff resources and funding to the Alaska Forum on the Environment. Eight percent of our funding is invested by leading Alaskan industries and businesses. The remaining 52 percent of event funding is derived directly from participants through event registration fees. We regulate organizational and sponsor contributions to ensure that our funding sources represent the diversity we strive to achieve within the Alaska Forum on the Environment.

Our Commitment:

The Alaska Forum on the Environment actively solicits partners that can provide constructive input in our team approach. We value the individuals and the organizations that work with us in a statewide spirit of cooperation to achieve this premier event. We believe that we can find positive ways to maximize environmental benefits through cooperative approaches, partnerships, and the sharing of information and ideas in a respectful forum. We believe that effective communication can provide the foundation for Alaska's environmental community. Our mission is to promote a healthy environment through communication and education; and we welcome support from those who share in this goal.

The Alaska Forum on the Environment Mission

"Alaskans working together to promote a clean, healthy environment through communication and education."

The Alaska Forum and our programs or projects will not take political or advocacy positions. The Alaska Forum works to promote a more productive and efficient relationship between government agencies, businesses, organizations, tribes and the public by:

- developing a more common understanding and educational foundation;
- providing opportunity for the exchange of information and experiences; and
- understanding the diversity of opinions and concerns of others.

Leadership Partners

Alaska Department of Environmental Conservation

BP Exploration (Alaska)

Canadian Consulate in Anchorage

CH2M Hill

ConocoPhillips

Denali Commission

Ecology and Environment

Exxon Valdez Oil Spill Trustee Council

Mangi Environmental Group

Office of the Federal Coordinator Alaska Natural Gas Pipeline

Oil Spill Recovery Institute

U.S. Air Force

U.S. Army, Alaska

U.S. Army Corps of Engineers

U.S. Bureau of Indian Affairs

U.S. Bureau of Land Management

U.S. Coast Guard

U.S. Department of Agriculture, Natural Resources Conservation Service

U.S. Department of Energy

U.S. Department of the Interior

U.S. Environmental Protection Agency, Region 10

U.S. Environmental Protection Agency, Global Change Research Program

U.S. Federal Aviation Administration

U.S. Fish and Wildlife Service

U.S. Forest Service

U.S. Minerals Management Service

U.S. Navy

U.S. National Park Service

Exhibitors

611 Civil Engineer Squadron
 ADFG - Invasive Species Program
 Alaska Army National Guard
 Alaska Center for Climate Assessment and Policy (ACCAP)
 Alaska Community Action on Toxics
 Alaska Conservation Alliance
 Alaska Department of Environmental Conservation
 Alaska Marine Conservation Council
 Alaska Marine Science and Fisheries Career Coalition
 Alaska Ocean Observing System
 Alaska Pacific University
 Alaska Wilderness League
 Alaska Wildland Fire Prevention and Education Committee
 BLM — Campbell Creek Science Center
 Cascadia Region Green Building Council
 Center for Ocean Science Education Excellence: Alaska
 Cook Inlet RCAC
 Cook Inletkeeper
 Corps of Engineers
 Denali Commission
 Division of Coastal and Ocean Management
 DoD - Native American Lands Environmental Mitigation Program (NALEMP)
 Frontier Media Arts
 North Pacific Research Board
 OES Incorporated
 Pace Analytical Services, Inc.
 POWTEC, LLC
 PWSRCAC
 Recycle Systems
 Renewable Energy Alaska Project (REAP)
 Renewable Resources Coalition Inc.
 Rural Alaska Fuel Services
 Rural CAP
 Scenarios Network for Alaska Planning (SNAP)
 SGS Environmental Services
 State of Alaska, Division of Community & Regional Affairs
 Summit Consulting Services, Inc.
 TestAmerica
 Tok Welding and Fabrication
 Total Reclaim
 TTT Environmental
 University of Alaska Cooperative Extension Service
 U.S. Coast Guard
 U.S. EPA-CID
 U.S. Fish and Wildlife Service
 U.S. Fish and Wildlife Service — Green Infrastructure
 U.S. Forest Service
 USKH
 Windward Environmental

Posters

- 1) University of Alaska Fairbanks (Sarah Wingert)
"Water Quality Monitoring Education"
- 2) U.S. Fish and Wildlife Service (Debra Rudis and Philip Johnson)
"Contaminated Sites within the Yukon Delta National Wildlife Refuge"
- 3) Sitka Tribe of Alaska (Polly Bass)
"Native Plant Species Education, Preservation and Respectful Harvest"
- 4) University of Alaska Fairbanks-Cooperative Extension Service (Polly Bass and Robert Gorman)
"Mount Edgumbe Volcanic Field"

Exhibitors

2009

Board of Directors & Staff

President/Chair:

Vivian Kinnaird, *Ecology and Environment, Inc.*

Ex-Officio Officers: (non-voting)

Doug Mutter, *Department of the Interior*

Carl Gysler, *U.S. Federal Aviation Administration*

Officers:

Greg Goodale, *Matanuska-Susitna Borough*

Thomas Manson, *ConocoPhillips*

Kurt Eilo

Staff:

Kurt Eilo, Executive Director

Paula Conru, Event Coordinator

Karen Kroon, Training Manager

Planning Committee

Robert Brandau, *Mangi Environmental Group*

Meg Burgett, *University of Alaska*

Mary Cody, *U.S. Minerals Management Service*

Paula Conru, *Alaska Forum*

Marti Early, *Alaska Department of Environmental Conservation*

Kurt Eilo, *Alaska Forum*

Katherine Ellanak, *Sun'aaq Tribe of Kodiak*

Cristal Fosbrook, *U.S. Army Alaska*

Santina Gay, *U.S. Environmental Protection Agency*

Lisa Geist, *U.S. Army Corps of Engineers, Alaska District*

Greg Goodale, *Matanuska-Susitna Borough*

Carl Gysler, *U.S. Federal Aviation Administration*

Katherine Heumann, *Alaska Department of Environmental Conservation*

Brian Hirsch, *Yukon River Inter Tribal Watershed Council*

James Hostman, *U.S. Air Force*

Rosalie Kalistook, *Orutsararmiut Native Council*

Dian M. LoDolce, *University of Alaska*

Thomas W Manson, *ConocoPhillips*

Vivian Melde, *Ecology and Environment, Inc.*

Jerome Montague, *U.S. Air Force, Alaska Command*

Shane Montoya, *U.S. Coast Guard*

Doug Mutter, *U.S. Department of the Interior*

Cathy Needham, *Organized Village of Kasaaan*

Patricia Opheen, *U.S. Army Corps of Engineers*

Scott Pegau, *Prince William Sound Science Center*

Jacqueline Poston, *Alaska Department of Environmental Conservation*

Betsy Rickards, *U.S.D.A Forest Service, Region 10*

Valerie Ringold, *U.S. Army Corps of Engineers, Alaska District*

Tessa Rinner, *Denali Commission*

Rob Rosenfeld, *Yukon River Inter Tribal Watershed Council*

Joe Sarcone, *U.S. Environmental Protection Agency*

Glenn Seaman, *U.S. National Oceanic and Atmospheric Administration*

Cherie Shelley, *U.S.D.A Forest Service, Region 10*

Lauri Strauss, *kpb architects*

Rebecca Talbott, *Exxon Valdez Oil Spill Trustees*

Moses Tcheripanoff, *Aleutian Pribiloff Islands Association*

Win Westervelt, *CH2MHill*

Monty Worthington, *Yukon River Inter-Tribal Watershed Council*

Brad Wright, *U.S. Army Alaska State Liaison*

MORNING

7:30 a.m. - 9 a.m.

- ☐ Registration D/Upper Lobby 3rd Floor

8 a.m. - 8:30 a.m.

- ☐ Moderator Training (by Invitation Only)
D/K'enakatnu Executive Board Room

8:30 a.m. - 9 a.m.

- ☐ Introduction and Opening Comments D/Tikahtnu Ballroom

9 a.m. - 10:15 a.m.

- ☐ Keynote Event D/Tikahtnu Ballroom
POLAR PALOOZA

10:30 a.m. - 11:45 a.m.

- ☐ Rural Issues: Dump Site Erosion Impacts and Case Studies - Nightmute and Kwigillingok E/Space 7&8
- ☐ Green Infrastructure and Green Building: An Overview E/Space 3
- ☐ National Guard Response to Community Needs E/Space 4
- ☐ Brownfields: Federal Resources for Addressing Contaminated Sites E/Space 13&14
- ☐ Landfill Leachate Recirculation Projects E/Space 2
- ☐ Rural Issues: Tribal Activities in Air Quality E/Space 6
- ☐ Climate Change in Alaska: Recent Developments E/Artega Room
- ☐ Film Festival: Opening Film - Youth and the Environment E/Space 5
- ☐ Tribal Baseline Water Quality Monitoring for General Assistance Programs E/Cook Room
- ☐ Opportunities for Peer Grants Management Assistance: Alaska General Assistance Program Circuit Rider and Peer Assistance Projects E/Space 1
- ☐ 20 Years After the Exxon Valdez Oil Spill, Initial Impacts and Killer Whales E/LaPerouse Room
- ☐ Geothermal Potential in Alaska E/Space 9&10
- ☐ The Reserved Warrior E/Space 11&12

AFTERNOON

☐ 12 p.m. - 1:45 p.m.

- Keynote Event D/Tikahtnu Ballroom
CRAIG TILLERY, Deputy Attorney General, State of Alaska

2 p.m. - 3:15 p.m.

- ☐ Rural Issues: Addressing the Environmental Impact of Rural Schools E/Space 7&8
- ☐ Green Infrastructure in Alaska: Recent Activities and Accomplishments E/Space 3
- ☐ Fort Richardson Environmental Restoration: Case Study of the Military Effort to Bring Back Waterfowl and Other Wildlife E/Space 4
- ☐ Alaska's Brownfields Program and Current Projects E/Space 13&14
- ☐ University of Alaska Anchorage: Doctorate Program Presentation E/Space 9&10

AFTERNOON (Continued)

2 p.m. - 3:15 p.m. (continued)

- ☐ Climate Change in Alaska: Reducing Emissions in the Energy Supply and Demand Sector E/Artega Room
- ☐ Alaska Monitoring and Assessment Program for Coastal and Freshwater Resources E/Space 2
- ☐ Film Festival: Ecosystem/Preserving the Environment E/Space 5
- ☐ General Assistance Program Online For Trainers: Circuit Riders and Peer Assistance Providers E/Space 1
- ☐ General Assistance Program Grant Negotiations: Your Questions Answered E/Cook Room
- ☐ Oil Remains: 20 Years After the Exxon Valdez Oil Spill E/LaPerouse Room
- ☐ Integrated Energy Systems in Alaska E/Space 6
- ☐ Making a Difference: Involving Local and Traditional Knowledge in Resource Management E/Space 11&12

3:30 p.m. - 4:45 p.m.

- ☐ Participatory Process in the Alaska Pollutant Discharge Elimination System: Optimizing Community Input E/Space 7&8
- ☐ Green Building: What Is It and How Is It Being Applied in Alaska? E/Space 3
- ☐ Arctic Transportation: Central Hubs and Future Infrastructure E/Space 2
- ☐ Federal Restoration Status: Progress and Challenges of Federal Facility Environmental Restoration Efforts E/Space 4
- ☐ Tribal Brownfields Grant Programs in Alaska E/Space 13&14
- ☐ Recycling Roundtable E/Space 11&12
- ☐ Climate Change in Alaska: Mitigating Impacts from the Oil and Gas Industry E/Artega Room
- ☐ Film Festival: Non-indigenous Species, Youth and the Environment, Education E/Space 5
- ☐ Handling Climate Change Issues in National Environmental Policy Act Documents E/Space 6
- ☐ General Assistance Program Online (Will be Repeated) E/Space 1
- ☐ Using Health Assessments to Understand Contaminant Impacts in Your Community E/Cook Room
- ☐ Sea Otters, Herring, and the Future of Restoration - 20 Years After the Exxon Valdez Oil Spill E/Space LaPerouse Room
- ☐ Electric Vehicle Technology E/Space 9&10

5 p.m. - 6:30 p.m.

- ☐ Evening Event D/Tikahtnu Ballroom
Hosted by the Exxon Valdez Trustee Council and the Oil Spill Recovery Institute

Alaska Forum on the Environment
Registration Services and all Keynote Events
will be located at the Dena'ina Convention Center,
TIKAHTNU (COOK INLET) BALLROOM, 3rd Floor

Tuesday, February 3

MORNING

8 a.m. - 9:15 a.m.

- ☐ Keynote Event *D/Tikahtnu Ballroom*
LAWRENCE A. SELZER, President & CEO
The Conservation Fund

9:30 a.m. - 10:30 a.m.

- ☐ Green Building in Alaska's Urban Environment *E/Space 3*
- ☐ Responses to Hazard Discovery *E/Space 4*
- ☐ Mitigation Measures: What are they? Why do we need them?
E/Space 6
- ☐ Solving Today's Economic, Energy, and Environmental Crises
E/Space 13&14
- ☐ Wood Stoves: Minimizing Air Pollution while Maximizing Energy
for Home Heating *E/Board Room*
- ☐ Climate Change in Alaska: Reducing Emissions in the
Transportation & Land Use Sector *E/Artega Room*
- ☐ Helping People Help the Land *E/Space 11&12*
- ☐ Film Festival: Ecosystem/Preserving the Environment
E/Space 5
- ☐ General Assistance Program Online: (Repeated) *E/Space 1*
- ☐ Environmental Protection Agency Tribal Operations Committee:
You Can Make a Difference! *E/Cook Room*
- ☐ Electricity from Alaska's Rivers - Instream Hydrokinetic
Technologies Compared to Traditional Hydro *E/Space 9&10*
- ☐ Polar Bears in the North Slope Oil Fields: Preliminary Data and
Potential Mitigation Measures to Reduce Bear-Human
Interactions *E/Space 2*
- ☐ Community Forums: Discussing Natural Resource Management
with your Neighbors (Part 1 of 2) *E/Space 7&8*

10:45 a.m. - 11:45 a.m.

- ☐ Green Building in Alaska's Rural Environment *E/Space 3*
- ☐ Arctic Marine Ecosystem Changes *E/Space 13&14*
- ☐ Public Use of Federal Property: Opportunities for the Use of
Military Land for Hiking, Hunting, Recreation, etc. *E/Space 4*
- ☐ Contaminated Sites: Cleanup, Closure, and Finding Out More
E/Space 1
- ☐ Air Pollution Outreach and Education Projects in Rural Alaska
Communities *E/Board Room*
- ☐ Climate Change in Alaska: Reducing Emissions from Forestry,
Agriculture, and Waste *E/Artega Room*
- ☐ The Status and Trends of Ice Seals in Alaska *E/Space 11&12*
- ☐ Film Festival: Non-indigenous Species *E/Space 5*
- ☐ Making the National Environmental Policy Act work for Rural
Alaskans *E/Space 6*
- ☐ EPA Tribal Consultation Procedures: Closed Session for
Tribal Leaders & Tribal Representatives *E/Cook Room*
- ☐ Wind Power Developments in Alaska: Challenges and Successes
E/Space 9&10
- ☐ Program Review of ConocoPhillips North Slope Environmental
Studies *E/Space 2*
- ☐ Community Forums: Discussing Natural Resource Management
with your Neighbors (Part 2 of 2) *E/Space 7&8*

AFTERNOON

12 p.m. - 1:45 p.m.

- Keynote Event *D/Tikahtnu Ballroom*
DR. STEVEN PICOU, Professor of Sociology
University of South Alabama

2 p.m. - 3:15 p.m.

- ☐ Rural Issues: Honeybuckets - A Process for Improving Human
Waste Disposal Practice in Rural Alaska *E/Space 7&8*
- ☐ Green Infrastructure and Green Building: Putting Ideas Into
Practice - How Can We Do More? *E/Space 3*
- ☐ Cultural Resources: Cultural Resource Management and You. Tools
for Citizens (Part 1 of 2) *E/Space 4*
- ☐ Children Run Better Unleaded *E/Space 13&14*
- ☐ Climate Change in Alaska: Building Resiliency into our Future
(Part 1 of 2) *E/Artega Room*
- ☐ Walrus and Polar Bear - What Next? (Part 1 of 2) *E/Space 2*
- ☐ Film Festival: Education *E/Space 5*
- ☐ Public Health and the National Environmental Policy Act Process
E/Space 6
- ☐ Weaving Culture and Language into Tribal Environmental Program
Development *E/Cook Room*
- ☐ Oil Spill Prevention and Response (Part 1 of 2)
E/LaPerouse Room
- ☐ The Denali Alaska Gas Pipeline - Major Environmental Issues and
Challenges *E/Space 11&12*
- ☐ Coal Development in Alaska *E/Space 9&10*

3:30 p.m. - 4:45 p.m.

- ☐ Rural Issues: The Impact of Construction and Demolition Waste on
Rural Dump Sites *E/Space 7&8*
- ☐ Green Infrastructure and Green Building: What's In It For Me?
E/Space 3
- ☐ Future Cruise Ship Tourism and Potential Impacts on Rural Alaska
E/Space 11&12
- ☐ Cultural Resources: Cultural Resource Management and You. Tools
for Citizens (Part 2 of 2) *E/Space 4*
- ☐ Climate Change in Alaska: Building Resiliency into our Future
(Part 2 of 2) *E/Artega Room*
- ☐ Walrus and Polar Bear - What Next? (Part 2 of 2) *E/Space 2*
- ☐ Film Festival: Non-indigenous Species *E/Space 5*
- ☐ Health Impact Assessment and Natural Resource Development
Permitting in Alaska: An Update on the Current Status and Future
Directions *E/Board Room*
- ☐ EPA Communications Protocols: North Slope Community Case
Study *E/Cook Room*
- ☐ Local to Global: Program Projects of International Scope
E/Space 13&14
- ☐ Oil Spill Prevention and Response, (Part 2 of 2)
E/LaPerouse Room
- ☐ TransCanada's Alaska Pipeline Project: The Engineering and
Environmental Partnership Approach *E/Space 1*
- ☐ Alaska Ocean Energy Potential *E/Space 9&10*
- ☐ The Rebel Pebbles: How Youth in Dillingham Organized Around
an Environmental Issue *E/Space 6*

MORNING

8 a.m. - 9:15 a.m.

- ☐ Keynote Event *D/Tikahtnu Ballroom*
DR. DAN ARVIZU, Director, U.S. Department of Energy's National Renewable Energy Laboratory

8 a.m. - 11:45 a.m.

- ☐ Statement of Cooperation Executive Steering Committee Meeting *D/K'enakatnu Executive Board Room*

8:45 a.m. - 11:45 a.m.

- ☐ Alaska Tribal Multi-Media Small Demonstration Projects: Innovative Projects that Make Sense
D/Tubughnenq' Breakout Room 4

9 a.m. - 12 p.m.

- ☐ Climate Change Sessions by The Alaska Municipal League (Day 1 of 2) *D/Tubughnenq' Breakout Room 3*

9:30 a.m. - 10:30 a.m.

- ☐ Rural Issues: Traditional Ecological Knowledge and Habitat Conservation *E/Space 1*
- ☐ Tribal Subsistence Assessment Projects (Part 1 of 2) *E/Space 13&14*
- ☐ Maritime Operations in the Arctic *E/Space 7&8*
- ☐ Government Mandates for Sustainability: Summary of Executive Orders, Laws, etc., that Create a more Sustainable Federal Government *E/Space 4*
- ☐ Investing in Rural Infrastructure (Part 1 of 2) *E/Space 9&10*
- ☐ Climate Change in Alaska: Building Resiliency - Health & Culture *E/Artega Room*
- ☐ Film Festival: Ecosystem/Preserving the Environment, Solid Waste/Recycling *E/Space 5*
- ☐ Keeping Ahead of the Curve: General Assistance Program Grants Management Changes and Developments for New Recipients *E/Cook Room*
- ☐ Mining Fundamentals: An Introduction (Part 1 of 4) *E/Space 2*
- ☐ Contaminant Research in Alaskan Subsistence Species and Coastal Waters *E/LaPerouse Room*
- ☐ Unlocking Heavy Oil Reserves on Alaska's North Slope *E/Space 11&12*

9:30 a.m. - 11:45 a.m.

- ☐ Transforming the Human Community: Connecting Conversations for Peer Listener Networks *D/Tubughnenq' Breakout Room 5*

9:30 a.m. - 4:45 p.m.

- ☐ Picture Exhibition: Before and After Community Abandoned Drum Clean Up Projects *E/Cook Room*

10:45 a.m. - 11:45 a.m.

- ☐ Survey of Environmental Crimes in Alaska *E/Space 1*
- ☐ The Role of Tribal Community and Academic Partnerships in Investigating Environmental Health Concerns in Alaska *E/Space 11&12*
- ☐ Tribal Subsistence Assessment Projects (Part 2 of 2) *E/Space 13&14*
- ☐ Erosion Impacts on Alaskan Communities *E/Space 7&8*
- ☐ Low-Impact Development: Beyond Compliance Design Practices to Reduce Environmental Impact and Energy Use *E/Space 4*
- ☐ Guidance on Investigating Vapor Intrusion at Contaminated Sites *E/Space 3*
- ☐ Investing in Rural Infrastructure (Part 2 of 2) *E/Space 9&10*
- ☐ Climate Change in Alaska: Wildlife and Other Natural Systems *E/Artega Room*
- ☐ Carbon Catchers, Chemistry & Climate: Changes to our Streams *E/Board Room*
- ☐ Film Festival: Non-indigenous Species *E/Space 5*
- ☐ Mining 101: Environmental Issues (Part 2 of 4) *E/Space 2*
- ☐ General Assistance Programs: Briefing Tribal Councils on Environmental Program Developments *E/Cook Room*
- ☐ Community Focused Contaminant Monitoring Projects *E/LaPerouse Room*
- ☐ Biomass: A New Look at a Traditional Energy Source *E/Space 6*

AFTERNOON

12 p.m. - 1:45 p.m.

- ☐ Keynote Event *D/Tikahtnu Ballroom*
MARK HAMILTON, University of Alaska - President

2 p.m. - 3:15 p.m.

- ☐ The Impact of Dump Site Contaminants on Rural Populations: What is Known and Not Known *E/Space 13&14*
- ☐ Trends in Arctic Mining: Assessing Data for Monitoring Social Indicators *E/Space 7&8*
- ☐ Climate Change Response Action: Summary of Federal Strategies to Tackle Climate Change *E/Space 4*
- ☐ Community Solutions to Backhauling Old Tank Farms *E/Space 3*
- ☐ Climate Change in Alaska: Infrastructure - Our Built Environment *E/Artega Room*
- ☐ Mysterious Demise of an Ice Age Relic *E/Space 1*
- ☐ Film Festival: Solid Waste/Recycling *E/Space 5*
- ☐ In-Situ Treatment for Chlorinated Organics *E/Space 6*
- ☐ Mining Regulatory Framework (Part 3 of 4) *E/Space 2*
- ☐ Research and Monitoring of Contaminants in our National Parks *E/LaPerouse Room*
- ☐ Carbon Trading Laboratory *E/Space 9&10*
- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 1 of 2) *E/Space 11&12*

2 p.m. - 5 p.m.

- ☐ Exxon Valdez Oil Spill Public Advisory Committee Meeting *E/Board Room*

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Alaska Forum on the Environment
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Wed., February 4 (Continued)

3:30 p.m. - 4:45 p.m.

- ☐ Arctic Port and Shipping Infrastructure *E/Space 7&8*
- ☐ Living Marine Resources: Federal Government Efforts to Preserve the Marine Environment *E/Space 4*
- ☐ Amchitka Island Nuclear Test Site Monitoring Program Update *E/Space 13&14*
- ☐ Cruise Ship Regulations: My How They have Changed! *E/Space 3*
- ☐ Climate Change in Alaska: Discussion - Pulling it All Together *E/Artega Room*
- ☐ Film Festival: Education *E/Space 5*
- ☐ Treatment of PCBs and Other Recalcitrant Organic Compounds *E/Space 6*
- ☐ Mining and Tribal Involvement (Part 4 of 4) *E/Space 2*
- ☐ Contaminant Monitoring Strategy Discussion *E/LaPerouse Room*
- ☐ Carbon Trading Laboratory (Continued) *E/Space 9&10*
- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 2 of 2) *E/Space 11&12*

5 p.m. - 7:30 p.m.

- ☐ Evening Event *D/Tikahtnu Ballroom*
JOHN F. PINGAYAK AND CHEVAK DANCERS hosted by the EPA
Region 10 - Tribal Operations Committee

*Alaska Forum on the Environment
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will be located at the Dena'ina Convention Center,
TIKAHTNU (COOK INLET) BALLROOM, 3rd Floor*

Thursday, February 5

8 a.m. - 9:15 a.m.

- ☐ KEYNOTE EVENT *D/Tikahtnu Ballroom*
Tlingit Elder Elaine Abraham & Patricia Longley Cochran
(Sigvonna), Chair, Inuit Circumpolar Council

8 a.m. - 12 p.m.

- ☐ Climate Change Sessions by The Alaska Municipal League
(Day 2 of 2) *D/Tubughnenq' Breakout Room 3*

8 a.m. - 4 p.m.

- ☐ Climate Change - Mitigation Advisory Group Meeting
Atwood Building

8 a.m. - 4:45 p.m.

- ☐ Climate Change: Research Coordination Workshop
D/Tubughnenq' Breakout Rooms 4&5

8:30 a.m. - 11:30 a.m.

- ☐ Coastal America Alaska Regional Implementation Team Meeting
D/K'enakatnu Executive Board Room

9:30 a.m. - 10:30 a.m.

- ☐ Arctic Oil Spill Response *E/Space 2*
- ☐ Military Munitions Response Program: Program Overview - State of Alaska Perspective (Part 1 of 2) *E/Space 4*
- ☐ Solid Waste Projects in Rural Alaska *E/Space 7&8*
- ☐ Indigenous People's Council for Marine Mammals *E/Space 9&10*
- ☐ Predator Control: What's the Justification? (Part 1 of 2) *E/Space 3*
- ☐ Fate and Transport of Petroleum Spills in Arctic Soils and Gravel Pads *E/Space 11&12*
- ☐ Implementing the Alaska Pollution Discharge Elimination System *E/Cook Room*
- ☐ Meet with an Environmental Protection Agency General Assistance Program Project Officer and Ask Questions *E/Space 13&14*
- ☐ Grants.gov: An Online Resource and Application Portal for Federal Grants *E/Space 1*

10:45 a.m. - 11:45 a.m.

- ☐ Arctic Development: A Future Vision and A Way Forward *E/Space 2*
- ☐ Military Munitions Response Program: Quality Assurance at Munition Response Sites (Part 2 of 2) *E/Space 4*
- ☐ Composting Programs Around Alaska *E/Space 7&8*
- ☐ Predator Control - What's the Biology? (Part 2 of 2) *E/Space 3*
- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 1 of 2) *E/Space 1*
- ☐ Using the Ultra-Violet Optical Screening Tool System Technology for Rapid Field Screening of Petroleum Contamination in Soil *E/Space 11&12*
- ☐ Alaska Natives and Climate Change Talking Session: A Traditional Discussion of a Modern Problem *E/Cook Room*
- ☐ Banning Plastic Bags and Styrofoam in Village Alaska *E/Space 13&14*
- ☐ Are Kids Connecting to Nature? *E/Space 9&10*

Thurs., February 5 (Continued)

12 p.m. - 1:45 p.m.

- ☐ KEYNOTE EVENT *D/Tikahtnu Ballroom*
The O'Shea Report

2 p.m. - 3:15 p.m.

- ☐ Environmental Health and Justice: Bringing Together Isolated Communities to Reduce Harmful Environmental Exposures from Formerly Used Defense Sites and Global Transport
E/Space 9&10
- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 1 of 2) *E/Space 4*
- ☐ Statewide Solid Waste Workgroup Meeting *E/Space 3*
- ☐ Marine Debris Cleanup Along Alaska's Coasts (Part 1 of 2)
E/Space 2
- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 2 of 2) *E/Space 1*
- ☐ Multi-Incremental Soil Sampling: When or When Not to Use It
E/Space 11&12
- ☐ Two Topics, One Place: Brownfields Tribal Response Program Grants and Emergency Response Planning for Villages
E/Space 13&14
- ☐ Climate Change: Tribal Perspectives *E/Cook Room*
- ☐ Science Training and Education Programs for Alaska Natives and Rural Alaskans: K-12 and Pre-college Recruitment (Part 1 of 2) *E/Space 6*

2 p.m. - 4:45 p.m.

- ☐ Transforming the Human Community: Connecting Conversations for Peer Listener Networks *E/Space 7&8*

2 p.m. - 5 p.m.

- ☐ Oil Spill Recovery Institute Advisory Board Meeting
D/K'enakatnu Executive Board Room

3:30 p.m. - 4:45 p.m.

- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 2 of 2) *E/Space 4*
- ☐ Tribal Solid and Hazardous Waste Roundtable *E/Space 3*
- ☐ Marine Debris Cleanup Along Alaska's Coasts (Part 2 of 2)
E/Space 2
- ☐ Logic Modeling & Performance Measurement: Learning to Tell Your Performance Story *E/Space 9&10*
- ☐ Opportunities for Environmental Education and Stewardship through Indian General Assistance Programs *E/Cook Room*
- ☐ General Assistance Programs: Secrets, Tools, and Resources to a Clean Audit for Federal Grants *E/Space 1*
- ☐ Science Training and Education Programs for Alaska Natives and Rural Alaskans: Post-Secondary Education (Part 2 of 2)
E/Space 6
- ☐ Meeting of the Alaska Zero Waste Action Council *E/Space 5*

Friday, February 6

8 a.m. - 5 p.m.

- ☐ HAZWOPER 8-Hour Refresher Course *E/Space 1, 13&14*

8:30 a.m. - 11:30 a.m.

- ☐ Tribal Conservation District Workshop *E/Space 2*

8:30 a.m. - 4:30 p.m.

- ☐ Oil Spill Recovery Institute Advisory Board Meeting Continued
D/K'enakatnu Executive Board Room
- ☐ Project WET - Native Waters Workshop *E/Space 3*
- ☐ Health and Safety at Municipal Solid Waste Landfills
E/Space 7&8

9 a.m. - 11:45 a.m.

- ☐ Training-the-Trainer: Teaching Logic Modeling & Work Plan Development & Performance Measurement *E/Space 4*

9 a.m. - 4:30 p.m.

- ☐ Climate Change: Adaptation Advisory Group Meeting
Room 240 of the Atwood Building

9:30 a.m. - 10:30 a.m.

- ☐ How to use Film as a Community Conservation Tool
E/Space 9&10

9:30 a.m. - 12 p.m.

- ☐ Alaska Marine Science and Fisheries Career Coalition Workshop
E/Space 5&6

10:30 a.m. - 11:45 a.m.

- ☐ General Assistance Programs: GIS Applications for Tribal Lands
E/Space 11&12

12 p.m. - 1 p.m.

- ☐ LUNCH ON YOUR OWN

1 p.m. - 2 p.m.

- ☐ General Assistance Program Breakout Sessions
D/Tikahtnu Ballroom

2:15 p.m. - 3:30 p.m.

- ☐ Environmental Protection Agency General Assistance Program Closing Session: Talking Circle
D/Tikahtnu Ballroom

*Alaska Forum on the Environment
Registration Services and all Keynote Events
will be located at the Dena'ina Convention Center,
TIKAHTNU (COOK INLET) BALLROOM, 3rd Floor*

At a Glance

AGENDA

NOTES:

2009 Alaska Forum on the Environment

Detailed Agenda

NOTES:

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TIKAHTNU (COOK INLET) BALLROOM, 3rd Floor*

2009

7:30 a.m. - 9:00 a.m.

Registration

D/Upper Lobby 3rd Floor

Details: The Dena'ina Center will be open for Registration beginning at 7:30 AM. Don't wait in line... Register Online! <http://akforum.com/register.html>

Pick up conference information and name tags here.

8:00 a.m. - 8:30 a.m.

Moderator Training (by Invitation Only)

D/K'enaakatnu Executive Board Room

8:30 a.m. - 9:00 a.m.

Introduction and Opening Comments

D/Tikahtnu Ballroom

NOTES:

9:00 a.m. - 10:15 a.m.

KEYNOTE EVENT

POLAR PALOOZA

D/Tikahtnu Ballroom



Details: Please join us for an enthusiastic Opening Keynote Event with POLAR-PALOOZA. Kick off the Alaska Forum on the Environment, 2009!

POLAR-PALOOZA, a multimedia initiative supported by both the National Science Foundation and National Aero-

navics and Space Administration, involves researchers, Alaska Native people, in-person presentations at science centers and natural history museums, video and audio podcasts, and more. Why "PALOOZA?" Like the rock tour, a little out of the box, and always on the edge.

The people who know the poles best, ice researchers, geologists, oceanographers, climate scientists, biologists and Arctic residents; will bring "Stories from a Changing Planet" to the Alaska Forum on the Environment.

The "High Definition Video Science Story Capture Corps" is a team of intrepid videographers who have been accompanying researchers on expeditions to both the Arctic and Antarctic. In 2007, they were taping in Alaska out on the sea-ice off Prudhoe Bay and en route to the North Pole. They never made it - the runway broke up. Climate change? They even film in Greenland, bringing you stories about science and the people and their extreme adventures. In austral summer 2007-2008 they went South out into the deep field at the Pine Island Glacier, Western Antarctic Ice Sheet, the south pole, and other amazing locations.

Rural Issues: Dump Site Erosion Impacts and Case Studies - Nightmute and Kwigillingok

E/Space 7&8

Details: Erosion threatens many old and current solid waste dump sites near villages throughout rural Alaska with potential to impact subsistence resources and drinking water sources. State and federal efforts to address dump sites associated with federal sites will be discussed as well as lessons learned that may be applied to village dump sites. Case studies from Nightmute and Kwigillingok highlight extraordinary local efforts to tackle this problem.

Presenters: John Halverson, Alaska Department of Environmental Conservation; John George, Native Village of Nightmute; Darrel John, Native Village of Kwigillingok
Moderator: Joe Sarcone, U.S. Environmental Protection Agency

Green Infrastructure and Green Building: An Overview

E/Space 3

Details: Learn about Green Infrastructure, Green Building and how lessons learned Outside can be applied to successfully pursue both concepts in Alaska communities.

Green Infrastructure represents an interconnected network of natural areas and working landscapes that support native plant and animal species, maintain ecological processes, sustain air and water resources, and contribute to citizens' health and quality of life. A functioning Green Infrastructure can best be achieved when it is pursued in conjunction with the planning and development of gray infrastructure or human infrastructure.

Green Building is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a building's life-cycle from site selection to design, construction, operation, maintenance, renovation and deconstruction.

Presenters: Allegra Bukojemsky, BioHabitats; Johanna Brickman, Zimmer Gunsul Frasca Architects and Cascadia Green Building Council.
Moderator: Ann Rappoport, U.S. Fish and Wildlife Service

National Guard Response to Community Needs

E/Space 4

Details: This session explores the many ways that the National Guard serves Alaskan communities, including a discussion of the services provided in numerous Alaskan Communities.

Presenters: Herbert Guillory, Alaska Army National Guard, Environmental; Jerry Welton, Alaska Army National Guard, Environmental; Scott Frickson, Alaska Army National Guard Education
Moderator: Herbert Guillory, Alaska Army National Guard, Environmental

Brownfields: Federal Resources for Addressing Contaminated Sites

E/Space 13&14

Details: This session focuses on reclaiming contaminated land as a community asset. Communities concerned with contaminated sites can learn about the U.S. Environmental Protection Agency grant and technical assistance tools supporting their efforts to manage successful land and community revitalization projects. Whether your focus is on one site or multiple ones, there is assistance available for assessment, cleanup, and capacity building for response programs. The session will highlight the role of partnerships, as well as the importance of planning and leveraging in accessing these resources.

Presenters: Mary Goolie, Susan Morales, and Joanne Labaw, U.S. Environmental Protection Agency, Region 10
Moderator: Marti Early, Alaska Department of Environmental Conservation

Landfill Leachate Recirculation Projects

E/Space 2

Details: Landfill experts from the Municipality of Anchorage and Kenai Peninsula Borough discuss their leachate recirculation programs within lined landfill disposal areas.

Presenters: Mark Madden, Solid Waste Services; John Maryott, Kenai Peninsula Borough
Moderator: Terry Berger

Rural Issues: Tribal Activities in Air Quality

E/Space 6

Details: This session provides basic information on the National Tribal Air Association and provide success stories of Tribal air monitoring efforts that could be implemented in Alaska.

Presenters: Sam Kitto, National Tribal Air Association; Stephen Hartsfield, National Tribal Air Association; James Tempte, Southern Ute Indian Tribe; Darrel Harmon, U.S. Environmental Protection Agency; Laura McKelvey, U.S. Environmental Protection Agency
Moderator: Rosalie Kalistook, Orutsarmiut Native Council

Morning

February 2

MONDAY

Climate Change in Alaska: Recent Developments*E/Arteaga Room*

Details: This session highlights the most recent developments in Alaska relating to changing climate and introduces the steps being taken by the State. Issues now before us include national security, food safety and security, environmental challenges, and threats to a traditional way of life. This session will touch on the big picture and lay the groundwork for subsequent sessions in which you are invited to explore with panelists what we can all do to increase resiliency while reducing our footprint.

Presenters: Elaine Abraham, AK Native Elder; Admiral A.E. (Gene) Brooks, U.S. Coast Guard; Jackie Richter-Menge, Cold Regions Research & Engineering Laboratory; Larry Hartig, State of Alaska Climate Change Sub-Cabinet
Moderator: Deborah Williams, Alaska Conservation Solutions

Film Festival: Opening Film - Youth and the Environment*E/Space 5*

Details: "Shadow of the Salmon" by Steve Robinson, Northwest Indian Fisheries Commission; This film introduces the viewer to Coastal Salish culture, including the First Salmon Ceremony and the Annual Cedar Canoe Journey. It provides insights into one tribe's perspectives on the environment and conveys the story of "Salmon Woman". 44 minutes (<http://www.nwifc.org>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency
Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Tribal Baseline Water Quality Monitoring for General Assistance Programs*E/Cook Room*

Details: This session will provide a panel of speakers from Tribes that have been conducting baseline water quality monitoring to share their experiences, including representatives that have trained others in how to do it, to provide information to those who would like to learn more. Participants will learn about why and when it is beneficial to establish a baseline, tips on how to get started in developing Quality Assurance Project Plans, training and technical resources available, supplies and/or testing equipment needed, and data gathering and maintenance.

Presenters: Cathy Needham, Kasaan; and Polly Bass, Sitka Tribe; David Griso, Kuskokwim Watershed Council; Helen Traylor, Georgetown Tribal Council
Moderator: Wenona Wilson, U.S. Environmental Protection Agency

Opportunities for Peer Grants Management Assistance: Alaska General Assistance Program Circuit Rider and Peer Assistance Projects*E/Space 1*

Details: The Alaska Indian Environmental General Assistance Program's (GAP) Circuit Rider and Peer Assistance Program offers grants management, administrative, financial and other assistance to Tribal governments who receive GAP environmental capacity building grants. This assistance is provided by Tribes or consortia as peer assistance to other Tribes. In this session GAP recipients will learn about the program, types of assistance available, how to access services, regions served in Alaska, and hear from some of the service providers themselves. There will be time for question and answer, discussion, and to meet the service provider for your region.

Presenters: Klaudia Klaudi, Aleutian Pribilof Islands Association; Mike Grundberg, Yukon River Inter-Tribal Watershed Council; Kerri Sheakley, Central Council Tlingit and Haida Indian Tribes of Alaska; Minnie Fritts, Association of Village Council Presidents; Violet Yeaton, Port Graham Village Council; and Richard Porter, Knik Tribal Council.
Moderator: Mahri Lowinger, U.S. Environmental Protection Agency

20 Years After the Exxon Valdez Oil Spill, Initial Impacts and Killer Whales*E/LaPerouse Room*

Details: 2009 marks the 20th anniversary of one of the worst oil spills in U.S. history. While the immediate damages were obvious, some of the long term damages were unpredictable. The persistence of Exxon Valdez oil in the environment was one of the most unexpected. This session presents a brief history of the spill and the status of restoration with a focus on the failure of the AB & AT1 killer whale pods to recover from the original impact of the spill. The Exxon Valdez spill was also the most studied spill in history and gives us a unique insight into the long term effects of a spill.

Presenters: Jeep Rice, National Oceanic and Atmospheric Administration; Eva Saulitis, North Gulf Oceanic Society
Moderator: Elise Hsieh, Exxon Valdez Oil Spill Trustee Council

Geothermal Potential in Alaska*E/Space 9&10*

Details: This presentation will include a discussion of the geothermal resource potential in Alaska including Southeast, Interior and the Aleutians; as well as other technologies such as steam, binary, and enhanced geothermal. The presentation will also include an update on the Chena Hot Springs project as a case study and current activity in the state.

Presenter: Gwen Holdmann, Alaska Center for Energy and Power
Moderator: David Lockard, Alaska Energy Authority

10:30 a.m. - 11:45 a.m. (continued)

The Reserved Warrior

E/Space 11&12

Details: "Trust your heart!" From the perspective of an American Indian, Solo Greene — an entertaining and motivational speaker— will reflect upon and build strength from the history, culture and spiritual values of indigenous peoples in America. Through this knowledge and strength, he advocates that Native people must bring their traditional knowledge and ways, along with western science, to bear in the wise management of the lands and natural resources on which they depend.

Presenter: Solo Greene, Nez Perce Tribe Environmental Program

Moderator: Glenn Seaman, NOAA/National Centers for Coastal Ocean Science

12:00 p.m. - 1:45 p.m.

KEYNOTE EVENT

CRAIG TILLERY,

Deputy Attorney General, State of Alaska

D/Tikahnu Ballroom



Details: Craig Tillery is a Deputy Attorney General for the State of Alaska. He began working for the Department of Law in 1988 in the Oil, Gas and Mining section and represented the State in the Exxon Valdez Oil Spill litigation and settlement. In addition, as head of the environmental section, Tillery has represented the Department of Law on the Exxon Valdez Oil

Spill Trustee Council, provided advice to State agencies on natural resources and environmental issues, and has assisted in drafting state legislation and regulations.

Tillery graduated from Brown University in 1973 and received his law degree at the University of North Carolina in 1976. He moved to Alaska in 1977 and worked as a staff attorney for the Alaska Legal Services Corporation, an associate at the Anchorage law firm of Reese, Rice and Volland, P.C. and as an assistant public defender before coming to the Department of Law.

2:00 p.m. - 3:15 p.m.

Rural Issues: Addressing the Environmental Impact of Rural Schools

E/Space 7&8

Details: Schools in rural communities continue to raise environmental issues for villages including leaking sewage lagoons, air pollution from burning trash, non-biodegradable food service containers and utensils, electronic waste disposal to dump sites, and disproportionate water service and water use. This facilitated discussion is an opportunity for participants to identify problems, ask who has taken action on these issues, and share lessons learned and progress on the issues.

Moderators: Lance Whitwell, Native Village of Venetie Tribal Government; Joe Sarcone, U.S. Environmental Protection Agency

Green Infrastructure in Alaska: Recent Activities and Accomplishments

E/Space 3

Details: Explore the status of the Green Infrastructure approach in Alaska and how it promotes and sustains our quality of life.

Formal Green Infrastructure workshops have taken place in the Matanuska-Susitna Borough, Fairbanks, and Kenai over the past 2 years. Planners in Homer, in conjunction with the Homer Soil and Water Conservation District, have developed a Suitability Map with criteria and best stewardship practices for providing incentives to local developers to incorporate Green Infrastructure into their subdivision and other plans. The Matanuska-Susitna Borough requires that all new and updated Comprehensive Plans incorporate a Green Infrastructure element. In Fairbanks, the Borough is taking a Sustainable Infrastructure approach that will include both Green and Gray Infrastructure in their updated Comprehensive Plan, as well as considering how climate change and increased fire frequency might affect their future land uses. This session will explore the status of these approaches to Green Infrastructure in Alaska and their results in the way of promoting and sustaining people's quality of life.

Presenters: David Sheer, DnA Design; Frankie Barker, Matanuska-Susitna Borough; Bernardo Hernandez, Fairbanks North Star Borough; John Czarnecki, Kenai Peninsula Borough
Moderator: Heather Rice, National Park Service

Afternoon

February 2

MONDAY

Fort Richardson Environmental Restoration: Case Study of the Military Effort to Bring Back Waterfowl and Other Wildlife

E/Space 4

Details: This session will present information about what the Army is doing to restore the habitat and reduce environmental risk at Fort Richardson's Eagle River Flats training range.

Presenter: Charlie Collins, U.S. Army Cold Regions Research and Engineering Laboratory
Moderator: Cristal Fosbrook, U.S. Army, Environmental Restoration Chief, Fort Richardson

Alaska's Brownfields Program and Current Projects

E/Space 13&14

Details: In rural Alaska many contaminated sites which could be cleaned and reused are owned by communities and by the State, and many are unknown to the State's Reuse and Redevelopment (R&R) Program. The Alaska Department of Environmental Conservation will discuss how Tribal environmental programs and the public can help us identify and manage these types of sites. Part of our R&R Program focuses specifically on brownfields - abandoned and blighted properties with no responsible party. We will discuss the differences between brownfields and other types of rural projects and some of the obstacles that we currently face. This session is for those interested in recycling lands in their community, including both Indian General Assistance Program staff and those with an interest in brownfields.

Presenters: John Carnahan and Sonja Benson, Alaska Department of Environmental Conservation
Moderator: Marti Early, Alaska Department of Environmental Conservation

University of Alaska Anchorage: Doctorate Program Presentation

E/Space 9&10

Details: Presenters from University of Alaska Anchorage will address projects including climate change impacts to solid waste sites on permafrost, relationship between funding and solid waste site quality; and the evapotranspiration landfill cover pilot project on Elmendorf Air Force Base.

Presenters: Leslie Simmons, Edda Mutter and William Lee
Moderator: Greg Goodale

Climate Change in Alaska: Reducing Emissions in the Energy Supply and Demand Sector

E/Artega Room

Details: This session will lay a foundation for subsequent sessions focused on reducing emissions. Beginning with an understanding of the inventory of greenhouse gas emission sources, we can better understand where opportunities for reduction lie in the Energy Supply and Demand Sector. This understanding will be combined with a sense for prospective options being considered for recommendation to the State of Alaska by stakeholders in the Climate Change Strategy development process.

Presenters: Meera Kohler, Alaska Village Electric Cooperative
Steve Haagenson, Alaska Energy Authority
Gwen Holdmann, University of Alaska Fairbanks
Peter Crimp, Alaska Energy Authority
Moderator: Meera Kohler, Alaska Village Electric Cooperative

Alaska Monitoring and Assessment Program for Coastal and Freshwater Resources

E/Space 2

Details: This informative session will provide updated results of the Alaska Monitoring and Assessment Program surveys and discuss upcoming coastal and freshwater surveys. The session will be of interest to Alaskans concerned with the status and trends in Alaska's fresh and marine waters. It will also be of interest to other state, federal agencies and University faculty. The Alaska Monitoring and Assessment Program is part of the Alaska Department of Environmental Conservation effort, supported in part by the U.S. Environmental Protection Agency, to monitor and assess the status and trends of significant estuarine and coastal resources for all coastal states.

Presenters: Doug Dasher and Terri Lomax Alaska Department of Environmental Conservation; Stephen Jewett and Arny Blanchard, University of Alaska Fairbanks Institute of Marine Science
Moderator: Katharine Heumann, Alaska Department of Environmental Conservation

Film Festival: Ecosystem/Preserving the Environment

E/Space 5

Details: "The Cost of Oil" by Josh Dukes, Stonesoup Productions: This film examines the subsistence lifestyle of one Inupiat society in Point Hope, Alaska that may be forever altered, or even destroyed by exploration and drilling for oil in the Beaufort and Chukchi seas. Captivating images of footage from the Alaskan North Slope set the scene for the native peoples to describe how their cultural heritage, hunting methods, language, and subsistence lifestyle may change. The Inupiat tell of their struggles of balancing the poverty relating to increased globalization with preserving their historical way of life.
47 minutes (<http://www.stonesoupfilms.us/index.html>)
Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Oil Remains: 20 Years After the Exxon Valdez Oil Spill

E/LaPerouse Room

Details: While visitors today experience the spectacular scenery and wildlife of the Prince William Sound and the North Gulf Coast of Alaska, the ecosystem has not fully recovered. One of the most stunning revelations of Exxon Valdez Oil Spill Trustee Council-funded monitoring has been that substantial oil still remains in the environment and in places is as toxic today as it was 11 days after the spill.

Lingering oil was unexpected at the time, but has now been well-documented. These studies change forever how we will look at future spills. This session discusses these findings as well as effects on pink salmon.

Presenters: Jeff Short, National Oceanic and Atmospheric Administration; Ron Heintz, National Oceanic and Atmospheric Administration
Moderator: Catherine Boerner, Exxon Valdez Oil Spill Trustee Council

Integrated Energy Systems in Alaska

E/Space 6

Details: It is well known that there is no 'silver bullet' technology in the renewable energy field. Most projects require the integration of several energy sources to provide for year round stable power. Learn about integrating energy systems in Alaska and the challenges and opportunities associated with integrating renewable energy sources into existing energy infrastructures.

Presenter: Orson Smith, Girdwood Renewable Energy Research and Demonstration Center, David Mogar, Specialty Electric; Bryan Gray, Alaska Energy and Engineering, Bill Leighty, Alaska Applied Sciences, Inc.
Moderator: Brian Hirsch, Yukon River Inter Tribal Watershed Council

Making a Difference: Involving Local and Traditional Knowledge in Resource Management

E/Space 11&12

Details: Curious or frustrated with the failure of managers and scientists to effectively involve rural communities in resource management decisions that affect the resources important to their communities? Alaska Native leaders in Tribal Natural Resource Management will encourage Alaska Natives to get involved in resource management, bring local and traditional knowledge into the management process, and consider a career in natural resource management.

Presenters: Orville Huntington, Alaska Federation of Natives and Alaska Native Science Commission; Austin Ahmasuk, Nome Eskimo Community; Harry Brower, Jr., North Slope Borough Wildlife Department; and Craig Fleener, Alaska Department of Fish and Game Subsistence Division
Moderator: Rose Fosdick, Kawerak, Natural Resources Division

General Assistance Program Online For Trainers: Circuit Riders and Peer Assistance Providers

E/Space 1

Details: Participation By Invitation Only. Closed session for Circuit Riders and Peer Assistance providers to have one-on-one instruction on how to teach others to use the new version of the online system.

Presenters: Rodges Ankrah, U.S. Environmental Protection Agency; Regina Ryan, Lockheed Martin Corporation
Moderator: Mahri Lowinger, U.S. Environmental Protection Agency

General Assistance Program Grant Negotiations: Your Questions Answered

E/Cook Room

Details: Meet with U.S. Environmental Protection Agency Tribal Coordinator about your General Assistance Program (GAP) proposal, ask questions of our expert on grants enforcement issues, talk with someone about developing a logic model for your program activities, get help with GAP Online entry, download application forms, and much more. This is an open session format and you will receive one-on-one assistance.

Moderators: Adrienne Fleek and Sherry Kimmons, U.S. Environmental Protection Agency

NOTES:

Afternoon

February 2

MONDAY

3:30 p.m. - 4:45 p.m.

Participatory Process in the Alaska Pollutant Discharge Elimination System: Optimizing Community Input

E/Space 7&8

Details: With the State of Alaska taking on a new Alaska Pollutant Discharge Elimination System program (formerly NPDES) rural communities are asking, "How do we fully participate in the process to have our voices heard?" This session will bring together regulators and community members for a positive dialogue on the topic.

Presenters: Sharon Morgan, Alaska Department of Environmental Conservation; Sharmon Stambaugh, Alaska Department of Environmental Conservation; Michelle Davis, U.S. Environmental Protection Agency
Moderator: Running Grass, U.S. Environmental Protection Agency

Federal Restoration Status: Progress and Challenges of Federal Facility Environmental Restoration Efforts

E/Space 4

Details: This session presents an overview of the status of federal contaminated sites environmental restoration projects in Alaska. The session will include presentations on restoration at formerly used defense sites and remote Air Force sites.

Presenters: Ken Andraschko, U.S. Army Corps of Engineers; Steve Mattson, U.S. Air Force, Remote Air Force Sites Program Manager; Steve Mattson, US Air Force, Remote Air Force Sites Program Manager
Moderator: John Halverson, Alaska Department of Environmental Conservation

Green Building: What Is It and How Is It Being Applied in Alaska?

E/Space 3

Details: Hear more about Green Building and how the concept is being applied in Alaska, including resolving Alaska-specific challenges. Because Green Building is both good for the environment and good for the wallet, it is a growing trend nationwide. Numerous organizations – private, non-profit, and government – are promoting this practice across the building spectrum, from homes to commercial buildings to entire neighborhoods. In this session, we will hear more about what Green Building is at the conceptual level, some of latest trends, and the many resources available to explain and implement it. We'll also focus on how the Green Building concept is being applied already in Alaska, including how some of the Alaska-specific challenges are being resolved.

Presenters: Peter Briggs, Corvus Design; Jason Gamache, McCool Carlson Green; Tyler Bunker, Coffman Engineering; Tom Looney, PE, Coffman Engineering
Moderator: Lauri Strauss, kpb architects

Tribal Brownfields Grant Programs in Alaska

E/Space 13&14

Details: Alaska now has more Tribal Response Programs addressing brownfield issues than any other state and we are unique in our inter-tribal working relationships. While each program has its own challenges to face, each is committed to serving their communities in identifying and remediating environmental concerns. They often work in concert with their IGAP Program and DEC's Reuse and Redevelopment Program. Come hear about how several of these programs are coordinating their efforts and ask questions of the Tribal Response Program managers in this open and informative session.

Presenters: Rose Hewitt, Yukon River Intertribal Watershed Council; Lisa Hupp, Woody Island Tribal Council; Emil Christensen, Port Heiden Native Council; Alex James, Yakutat Tlingit Tribe; Neli Nelson, Organized Village of Kasaaan

Moderator: Sonja Benson, Alaska Department of Environmental Conservation

Arctic Transportation: Central Hubs and Future Infrastructure

E/Space 2

Details: Consider that a German cruise ship landed in Barrow, Alaska unannounced this summer. A panel presentation on the assessment of infrastructure needs and a strategic vision of how that infrastructure could be put in place as arctic transportation routes open to more vessel traffic.

Presenter: Jeff Ottesen, Alaska Department of Transportation; Captain Bob Pawlowski, NOAA (retired), Denali Commission; Julie Anderson, U.S. Army Corps of Engineers Alaska District
Moderator: Valerie Ringold, U.S. Army Corps of Engineers

Recycling Roundtable

E/Space 11&12

Details: A panel of several representative from various communities will discuss their experiences with starting and operating a recycling program in rural Alaska.

Climate Change in Alaska: Mitigating Impacts from the Oil and Gas Industry

E/Artega Room

Details: Reducing greenhouse gas emissions from processes related to the oil and gas industry will be an important element in the development of the State's proposed Climate Change Strategy in this energy producing state. Technical Work Group members will provide an overview of the preliminary set of options under consideration while experts will present information on progress in efficiency and technology.

Presenters: Diane Shellenbaum, Alaska Department of Natural Resources; Brent Lakeman, Alberta Research Council; Claire Fitzpatrick, BP Alaska

Moderator: John Norman, Alaska Oil & Gas Conservation Commission

Film Festival: Non-indigenous Species, Youth and the Environment, Education

E/Space 5

Details: "Citizen Weeds Warriors" by Municipality of Anchorage, Parks and Recreation Department; Invasive plants change the natural balance of our lands which can affect birds, insects, and fish that depend on native plants and ecosystems for survival. Citizen Weeds Warriors is a program developed to raise public awareness and recruit volunteers to help control the spread of invasive weeds in Anchorage Parks. 9 minutes (<http://www.anchorageparkfoundation.org/projects/weedswarriors.htm>)

Presenter: Wade Collins, Volunteer Coordinator, Muni of Anchorage Parks & Recreation

Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

"Jeff's Story" by Jeff Sheakley, Alaska Youth for Environmental Action (AYEA) National Wildlife Federation; This digital story was produced by an AYE graduate and young adult mentor at the fall 2008 Art in Action Training: Telling Our Stories. 3:30 minutes (<http://www.ayea.org>)

Presenter: AYE Representative

Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

"Bidarki: Where Science & Spirit Meet" by Kevin Co, Frontier Media Arts; The humble Bidarki has been an important subsistence food for the people of Alaska. In the video, a Native Elder and a Biologist talk about their connections to the Bidarki. 3 minutes (<http://www.frontiermediaarts.com>)

Presenter: Kevin Co, Frontier Media Arts

Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

"Tamamta Katurlluta" by Miriam Elizondo: A Gathering of Tradition and Friendship. Every 2 years the Native Communities of Kachemak Bay host a massive potluck and traditional dance performance. 13 minutes (<http://www.prattmuseum.org/index.html>)

Presenter: Kevin Co, Frontier Media Art

Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Handling Climate Change Issues in National Environmental Policy Act Documents

E/Space 6

Details: This session will be a round table discussion of how to handle climate change issues in National Environmental Policy Act (NEPA) documents. The climate change topics and how to handle them in EISs to be discussed will be determined by an informal survey of NEPA practitioners before the Forum begins. This session is geared towards NEPA practitioners.

Moderator: Dr. Jim Mangi, Mangi Environmental

General Assistance Program Online (Will be Repeated)

E/Space 1

Details: General Assistance Program (GAP) online for all GAP recipients. This session will offer assistance in completing Indian Environmental General Assistance Program workplans and budgets. U.S. Environmental Protection Agency Tribal Coordinators and American Indian Environmental Office GAP Online Contractors available for data entry assistance.

Presenters: Rodges Ankrah, U.S. Environmental Protection Agency; Regina Ryan, Lockheed Martin Corporation

Moderators: Jennifer Brown and Sherry Kimmons, U.S. Environmental Protection Agency

Using Health Assessments to Understand Contaminant Impacts in Your Community

E/Cook Room

Details: A wide range of contaminants are present in our environment. Including common plastics, petroleum products, heavy metals from mining, the contents of open dump sites, and emissions from diesel engines. Some of these contaminants have the potential to cause impacts on human health. In order to understand which of these contaminants could cause health problems and figure out what we can do to prevent health problems, it is critical to determine if we are being exposed, how that exposure is occurring, and which members of our communities are most at risk. This type of evaluation is called "exposure pathway analysis."

This session will use a case study from a village dumpsite to introduce the concept of exposure pathways as they apply to rural villages and educate session attendees on how they can apply this approach to address their own concerns about contaminants. This session is appropriate for persons without formal scientific training.

Moderator: Juliana Grant, Agency for Toxic Substances and Disease Registry

Afternoon

February 2

MONDAY

3:30 p.m. - 4:45 p.m. (continued)

**Sea Otters, Herring, and the Future of Restoration
- 20 Years After the Exxon Valdez Oil Spill**

E/Space LaPerouse Room

Details: Sea otters, whose oiled carcasses became a global symbol for the 1989 Alaska oil spill, have now recovered in much of Prince William Sound. The process remains slow and in some areas where oiling was heaviest recovery remains incomplete. The herring population in Prince William Sound crashed following the spill and has never recovered. Both species have struggled to recover, but for very different reasons, which will likely drive the types of monitoring and restoration studies in the future.

This session discusses both species and closes with a panel discussion of the future of restoration and the legacy of the spill.

Presenters: Jim Bodkin, U.S. Geological Survey; Jeff Short, National Oceanic and Atmospheric Administration; Eva Saulitis, North Gulf Oceanic Society; Ron Heinz, National Oceanic and Atmospheric Administration; Jeep Rice, National Oceanic and Atmospheric Administration

Moderator: Catherine Boerner, Exxon Valdez Oil Spill Trustee Council

Electric Vehicle Technology

E/Space 9&10

Details: Thousands of internal combustion engine vehicles have been converted to electric. This presentation will give an overview of the state of electric vehicle technology and discuss the process of converting a 1988 Mitsubishi MightyMax pickup truck and a 1980 Ford Pinto to electric and their performance on the race track. Also, RevUp - Rural Electric Vehicle Utilization Project - will discuss energy consumption and emissions reductions using electric vehicle conversions in Alaska rural communities.

Presenters: Michael Willmon, Alaska Electric Vehicle Association, Michael Golub, Rural Electric Vehicle Utilization Project

Moderator: Tom Manson, ConocoPhillips, Alaska Inc.

5:00 p.m. - 6:30 p.m.

EVENING EVENT

**Hosted by the Exxon Valdez Trustee Council and
the Oil Spill Recovery Institute**

D/Tikahtnu Ballroom

Details: Please join us for our evening social at the Alaska Forum on the Environment, 2009. This event is free to all participants and the Public!

The Oil Spill Recovery Institute Board, the Exxon Valdez Oil Spill Trustee Council, Public Advisory Committee, Executive Director and the day's presenters invite you to join them for one-on-one discussions about the spill, its continued effects and the future of the restoration program.

NOTES:

8:00 a.m. - 9:15 a.m.

KEYNOTE EVENT

LAWRENCE A. SELZER, President & CEO The Conservation Fund

D/Tikahtnu Ballroom



Details: Lawrence A. Selzer is President and Chief Executive Officer of The Conservation Fund, a national non-profit organization headquartered in metropolitan Washington, D.C., a position he has held since 2001.

The Conservation Fund protects the nation's legacy of land and water resources in partnership

with other non-profit organizations, public agencies, foundations, corporations, and individuals. Through land acquisition, community initiatives, and leadership development, The Fund and its partners demonstrate sustainable conservation solutions emphasizing the integration of economic and environmental goals. The Fund has protected more than four million acres since 1985.

Prior to joining The Conservation Fund, Mr. Selzer directed marine research programs out of Woods Hole, Massachusetts. He currently serves as chair of the Sustainable Forestry Board, vice chair of the Wildlife Habitat Council, and serves as a director of the Natural Resources Council of America. Mr. Selzer holds a Masters in Business Administration from the Darden School of Business at the University of Virginia and a Bachelors of Science in Environmental Studies from Wesleyan University.

Introduction will be provided by Paul Brewster, Deputy Regional Forester, U.S. Forest Service.

NOTES:

9:30 a.m. - 10:30 a.m.

Green Building in Alaska's Urban Environment

E/Space 3

Details: Explore how green building principals are applied in Alaska's urban environment, with a focus on specific projects.

This session will explore how green building principles can be applied in the urban environment. Two projects in the city of Anchorage have advertised their intent to become LEED certified. Learn what specific challenges the designers faced for several of these projects and what other issues one might face in designing a green building in an urban setting. In addition, the differences and similarities between green building for private and commercial/institutional development will be highlighted.

Presenters: Jason Gamache, McCool Carlson Green; Randy Virgin, Municipality of Anchorage; Brian Meisner, ECHyer
Moderator: Lauri Strauss, kpb architects

Responses to Hazard Discovery

E/Space 4

Details: This session explores military partnerships with communities in responding to requests for help to address hazards such as the discovery of explosive material. This session will present information about what the military does to support community requests when explosive materials are discovered and what an individual should do upon discovery of such material.

Moderator: Sgt. Robert Weston, U.S. Air Force, Elmendorf Air Force Base

Mitigation Measures: What are they? Why do we need them?

E/Space 6

Details: A representative from the Alaska District, Army Corps of Engineers will provide the latest information on "Mitigation Measures" for projects submitted to the Corps.

Presenters: Nichole Hayes, Army Corps of Engineers, Alaska District
Moderator: James W. Hostman, 611 CES/CEAO

Morning

February 3

TUESDAY

9:30 a.m. - 10:30 a.m. (continued)

Solving Today's Economic, Energy, and Environmental Crises*E/Space 13&14*

Details: This panel will explore how the solutions for today's economic, energy, and environmental challenges overlap in policies that reduce pollution, incentivize clean energy technologies, and create domestic jobs and economic growth.

Presenters: Peter Larsen, The Nature Conservancy; Pat Lavin, National Wildlife Federation; Chris Rose, Renewable Energy Alaska Project

Moderator: Kate Troll, Alaska Conservation Alliance

Helping People Help the Land*E/Space 11&12*

Details: A panel discussion about blending western and indigenous conservation practices to help landowners conserve soil, water, air, plants, and animals. Proven, science-based methods to achieve sustainable operations as well as time-tested methods practiced by Alaska's Native peoples will be presented and analyzed.

Presenters: Eugene Shock, Natural Resources Conservation Service; Oscar "Angayuqaq" Kawagley, Yupiaq Expert; and Larry Merculieff, Alaska Native Science Commission

Moderator: Crystal Leonetti, Natural Resources Conservation Service

Wood Stoves: Minimizing Air Pollution while Maximizing Energy for Home Heating*E/Board Room*

Details: The session will provide information on how wood can be used as a fuel for residential heating while reducing the potential indoor and outdoor pollution from the emissions produced; as well as their potential adverse impacts on community health, particularly to vulnerable populations such as youth, elderly, and those with compromised health conditions such as asthma or cardiopulmonary diseases.

Presenter: Dr. Tony Ward, University of Montana

Moderator: Mary Manous, Environmental Protection Agency

Climate Change in Alaska: Reducing Emissions in the Transportation & Land Use Sector*E/Arteaga Room*

Details: This session will focus on opportunities for reduction of carbon emissions in the area of transportation and land use. Hear prospective options being considered for recommendation to the State of Alaska by stakeholders in the Governor's Sub-Cabinet on Climate Change Strategy development process as well as innovations in transportation & land use that can be adopted in Alaska to help reduce our emissions.

Presenters: Curt Stoner, Totem Ocean; Alison Butler, Federal Express; Cheryl Richardson, Anchorage Citizens Coalition; John Weddleton, Anchorage Planning and Zoning Commission

Moderator: Frank Richards, Alaska Department of Transportation & Public Facilities

Film Festival: Ecosystem/Preserving the Environment*E/Space 5*

Details: "Redgold" by Travis Rummel and Ben Knight, Felt Soul Media and Trout Unlimited Alaska; At the headwaters of the Kvichak and Nushagak Rivers in Bristol Bay, Alaska - the two largest remaining sockeye salmon runs on the planet - mining companies Northern Dynasty and Anglo American have proposed to extract what may prove to be the richest deposit of gold and copper in the world. Colorado filmmakers Ben Knight and Travis Rummel spent more than two months in Bristol Bay documenting the tension between mine officials - who say they will build a "clean" mine that will leave the salmon's habitat untouched - and local fisherman who oppose the mine. 54 minutes (<http://www.redgoldfilm.com/>) (<http://www.feltsoulmedia.com/main.html>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency

Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

General Assistance Program Online: (Repeated)*E/Space 7*

Details: General Assistance Program (GAP) online for all GAP recipients. This session will offer assistance in completing Indian Environmental General Assistance Program workplans and budgets. U.S. Environmental Protection Agency Tribal Coordinators and American Indian Environmental Office GAP Online Contractors available for data entry assistance.

Presenters: Rodges Ankrah, U.S. Environmental Protection Agency; Regina Ryan, Lockheed Martin Corporation

Moderators: Jennifer Brown and Sherry Kimmons, U.S. Environmental Protection Agency

Environmental Protection Agency Tribal Operations Committee: You Can Make a Difference!

E/Cook Room

Details: Tribes make up the Tribal Operations Committee (TOC), so let your voice be heard on important issues that matter to your Tribe! This session provides an introduction to the National/Regional Committee, its role, and current members. Discussion of what TOC can do for Tribes, its relationship with EPA, and how to get involved.

Presenters: Tribal Operations Committee Members
Moderator: Adrienne Fleek, U.S. Environmental Protection Agency

Electricity from Alaska's Rivers - Instream Hydrokinetic Technologies Compared to Traditional Hydro

E/Space 9&10

Details: With the first hydrokinetic installation in the US in Ruby Alaska in the summer of 2008, Alaska is defining its role in the development of in-stream hydrokinetic technologies, as well as continuing its development of sustainable traditional hydrokinetic resources. Learn about current progress of in-stream hydrokinetic, hydro projects, the similarities and differences between these technologies, and the appropriate applications of each.

Presenter: Bob Grimm, Alaska Power and Telephone; Brian Hirsch Yukon River Intertribal Watershed Council; Gwen Holdman, Alaska Center for Energy and Power; Brian Yanity, Girdwood Renewable Energy Research and Discovery Center
Moderator: David Lockard, Alaska Energy Authority

Polar Bears in the North Slope Oil Fields: Preliminary Data and Potential Mitigation Measures to Reduce Bear-Human Interactions

E/Space 2

Details: Polar bears have frequented the sea ice adjacent to Alaska's northern coast, as well as coastal areas where they have been exposed to oil and gas exploration and development activities, for more than 30 years. Using historical sighting reports and data on den locations this presentation describes historical seasonal patterns of sighting in BP operated fields in the North Slope; trends in maternal denning patterns; specific potential impacts from industrial activities on polar bear populations; on-going studies supported by oil industry; approaches adopted by the industry to minimize impacts to the polar bears.

Presenter: Diane Sanzone, BP Alaska
Moderator: John Schoen, Audubon Society

Community Forums: Discussing Natural Resource Management with your Neighbors (Part 1 of 2)

E/Space 7&8

Details: Focusing on natural resource issues facing rural Alaska, this session will model a public issues forum discussion. By providing a framework for open discussion and dialogue, Issue Forums are an effective way to increase community involvement in the decision making process for natural resource management in rural communities.

Presenters: Meg Burgett, Tony Nakasawa, Peter Stortz, and Bill Hall, UAF-Cooperative Extension Service
Moderator: Robert Gorman, UAF-Cooperative Extension Service

NOTES:

Morning

February 3

TUESDAY

10:45 a.m. - 11:45 a.m.

Green Building in Alaska's Rural Environment*E/Space 3*

Details: Explore how green building principals are applied in Alaska's rural environment, with a focus on specific projects.

Most Alaskan buildings are located in a rural environment. From the suburbs of Eagle River, to the farms in the Mat-Su valley, to the villages on the western coast, Alaska is a rural state. This session will explore why green building is good practice even in rural settings. Alaska already has some great examples of rural green projects and those will be presented. Ideas for greening your home, whether it be in the suburbs of Juneau, or Fairbanks, to how an entire Alaskan village can become a green community, will be discussed.

Presenters: Lauri Straus, kpb architects; Rebecca Shaffer, McCool, Carlson, and Green; Jack Hebert, Cold Climate Housing Research Center

Moderator: Valerie Ringold, U.S. Army Corps of Engineers

Arctic Marine Ecosystem Changes*E/Space 13&14*

Details: This panel session will present information on future plans to forecasting changes in the arctic marine environment and on research of springtime shorefast sea ice conditions, including effects on subsistence activities.

Presenter: Molly McCammon, Alaska Ocean Observing Systems; Matthew Drunkenmiller, University of Alaska Fairbanks

Moderator: Shane Montoya, U.S. Coast Guard Seventeenth District

Public Use of Federal Property: Opportunities for the Use of Military Land for Hiking, Hunting, Recreation, etc.*E/Space 4*

Details: This session will describe recreation opportunities on military land and distribute information about access and rules for use of Army and Air Force property. The session will include information about the Sikes Act.

Presenters: Chris Garner, U.S. Army, Fort Richardson; Dave Battle, U.S. Army, Fort Richardson; and Herman Griesse, U.S. Air Force, Elmendorf

Moderator: Gary Larsen, U.S. Army, Environmental Division, Fort Richardson

Contaminated Sites: Cleanup, Closure, and Finding Out More*E/Space 1*

Details: How are contaminated sites cleaned up and closed? How can you find out if land you're interested in is or was contaminated? Using information found on the web, the Alaska Department of Environmental Conservation will guide you through case studies of cleanup and closure. You'll walk away knowing how to find information on the internet about contaminated sites statewide.

Presenters: Bill Janes, Greg Light, and Marti Early, Alaska Department of Environmental Conservation

Moderator: Katharine Heumann, Alaska Department of Environmental Conservation

Air Pollution Outreach and Education Projects in Rural Alaska Communities*E/Board Room*

Details: This session will include a discussion of current air quality outreach and education projects in rural Alaska communities. The Air Toxics Under the North Star program is an education and outreach program that works with Alaska high school students currently in Tok, Hoonah, and Wasilla; but expanding to additional communities next year. The sample project has students collecting air pollution samples within their homes. The students and parents learn about the importance of good air quality and will work with local community members to disseminate their results. It is hoped that students will be presenting their research during the session. Other education and outreach studies will be discussed during the session.

Presenter: Dr. Tony Ward, University of Montana

Moderator: Mary Manous, U.S. Environmental Protection Agency

Climate Change in Alaska: Reducing Emissions from Forestry, Agriculture, and Waste*E/Arteaga Room*

Details: This session will focus on opportunities for carbon emissions reduction in the area of Forestry, Agriculture, and Waste. Hear prospective options being considered for recommendation to the State of Alaska by stakeholders in the Governor's Sub-Cabinet on Climate Change Strategy development process as well as innovations which can be adopted in Alaska to help reduce emissions.

Presenters: Ron Wolfe, Sealaska; Chris Maisch, State of Alaska Division of Forestry; Donna Mears, Municipality of Anchorage

Moderator: Luke Hopkins, Fairbanks North Star Borough Assembly

The Status and Trends of Ice Seals in Alaska

E/Space 11&12

Details: This session will provide an update on the status of seal populations associated with sea ice around Alaska, including ribbon, ringed, bearded, and spotted seals. A progress report on the evaluation of these species for potential listing under the Endangered Species Act will also be given.

Presenters: Peter Boveng and Jim Wilder, National Marine Fisheries Service
Moderator: Doug Mutter, U.S. Department of the Interior

Film Festival: Non-indigenous Species

E/Space 5

Details: "The Silent Invasion" by Oregon Public Broadcasting; Something troubling is taking hold in Oregon. Strange and exotic plants and animals are showing up in places where they don't belong. It's a silent invasion that's destroying our most precious places; driving away wildlife and making everyone from ranchers, to fishermen, to wildlife managers nervous. 1 hour
(<http://www.opd.org/programs/invasives/>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency
Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Wind Power Developments in Alaska: Challenges and Successes

E/Space 9&10

Details: Alaska has several large scale wind farms proposed in the near future and continues to be a leader in the area of wind-diesel technologies. Learn about utility scale projects planned for Kodiak and Fire Island, wind-diesel projects in Western Alaska, and appropriate technologies for the harsh Alaskan climate.

Presenters: Steve Gilbert, enXco; Brent Petrie, Alaska Village Electric Cooperative; Katherine Keith, Kotzebue Electric Association; Jennifer Richcreek, Kodiak Electric Association
Moderator: Martina Dabo, Alaska Energy Authority

Program Review of ConocoPhillips North Slope Environmental Studies

E/Space 2

Details: Review of environmental studies conducted by ConocoPhillips in past and potential development areas of the North Slope of Alaska. Presentation includes the Alpine development area, National Petroleum Reserve Alaska (NPRA) as well as other on-shore and off-shore studies.

Presenter: Caryn Rae, ConocoPhillips Alaska, Inc.
Moderator: Geoff York, World Wildlife Fund

Making the National Environmental Policy Act work for Rural Alaskans

E/Space 6

Details: This session provides a brief introduction to the National Environmental Policy Act (NEPA) and explains what community members need to do to be heard in the NEPA process. There will be a special emphasis on public participation in the preparation of Environmental Impact Statements. Session participants will discuss the roles of scoping and environmental data analysis in relation to key natural resource development projects in rural Alaska.

Presenters: Todd Radenbaugh, University of Alaska Fairbanks Bristol Bay Campus; Andrew deValpine, Bristol Bay Coastal Resources Service Area Dillingham; Richard Charter, National Outer Continental Shelf Coalition
Moderators: Jim Mangi, Mangi Environmental Group

EPA Tribal Consultation Procedures: Closed Session for Tribal Leaders & Tribal Representatives (By Invitation Only)

E/Cook Room

Details: EPA Region 10 is working with Tribes in Region 10 to revise the EPA R10 Tribal Consultation Procedures. The process to revise the procedures is extensive and the success of the overall revision relies on heavy input from Tribes. The objectives of this AFE session are to provide information about existing Tribal consultation policy and procedure, provide information about the EPA Region 10 Tribal Consultation Procedures Revision Project and most importantly, to provide a forum for Tribal leaders and representatives to discuss their recommendations on Tribal consultation to EPA.

Moderators: James Woods and Wenona Wilson, U.S. Environmental Protection Agency

Community Forums: Discussing Natural Resource Management with your Neighbors (Part 2 of 2)

E/Space 7&8

Details: Focusing on natural resource issues facing rural Alaska, this session will model a public issues forum discussion. By providing a framework for open discussion and dialogue, Issue Forums are an effective way to increase community involvement in the decision making process for natural resource management in rural communities.

Presenters: Meg Burgett, Tony Nakasawa, Peter Stortz, and Bill Hall, UAF-Cooperative Extension Service
Moderator: Robert Gorman, UAF-Cooperative Extension Service

Morning

February 3

TUESDAY

12:00 p.m. - 1:45 p.m.

KEYNOTE EVENT

DR. STEVEN PICOU, Professor of Sociology
University of South Alabama
D/Tikahtnu Ballroom



Details: Introductory comments provided by Commission Larry Hartig, Alaska Department of Environmental Conservation.

When Catastrophe Strikes:
 Social Consequences for the Human Community

Over the last twenty-five years there has been a dramatic increase in the number and types of disasters throughout the world. Events such as the Exxon Valdez Oil Spill, the 9-11 terrorist attack, Hurricane Katrina and the South Asia tsunami have become household words. This presentation suggests that the twenty-first century will bring new catastrophes which will seriously threaten human communities. Research findings on the Valdez spill and Hurricane Katrina are used to illustrate that traditional views and responses to disasters are inadequate for promoting community recovery. Some suggestions for participatory programs that build cultural and social capital for communities impacted by catastrophes are also provided.

Dr. J. Steven Picou is a nationally recognized environmental sociologist who specializes in the study of disasters, risk and applied sociology. He has published over 100 articles, research monographs and book chapters and is the co-editor of The Exxon Valdez Disaster and The Sociology of Katrina. Dr. Picou's disaster research projects have been funded by the National Science Foundation, the Rockefeller Foundation, the Bill and Melinda Gates Foundation, the Prince William Sound Regional Citizens' Advisory Council and the Social Science Research Council. In 2001 he was presented with the Distinguished Contribution Award by the American Sociological Association section on Environment and Technology for his translational community research for mitigating chronic disaster impacts in Cordova, AK. In 2008, he was the recipient of the William Foote Whyte Distinguished Career Award presented by the American Sociological Association and the Olivia Rambo McGlothlen National USA Alumni Outstanding Scholar Award. Dr. Picou has given numerous keynote addresses and lectures including the 2002 Earth Charter Summit Lecture and has been an invited speaker at Oxford University (England). He is the President-Elect of the Association of Applied and Clinical Sociology and formerly served as the President of the Mid-South Sociological Association and Vice-President of Alpha Kappa Delta. Dr. Picou received his Ph.D. in Sociology in 1971 from Louisiana State University. He is presently Professor of Sociology at the University of South Alabama (Mobile).

2:00 p.m. - 3:15 p.m.

Rural Issues: Honeybuckets - A Process for Improving Human Waste Disposal Practice in Rural Alaska
E/Space 7&8

Details: A significant number of people in rural Alaska live without piped water and sewer service. Approximately 15% of rural Alaska households use "honey buckets" - 5 gallon plastic buckets, for human waste collection, transport, and disposal. Why are there limited resources to improve human waste disposal in villages in the interim between the use of honey buckets and the delivery of piped water and sewer and what can be done to address this condition? Representatives from villages throughout Alaska will provide first-hand perspectives.

Presenter and Moderator: Joe Sarcone, U.S. Environmental Protection Agency

Green Infrastructure and Green Building: Putting Ideas Into Practice - How Can We Do More?
E/Space 3

Details: Learn about incentives, funding, and financing for Green Infrastructure and Green Building in Alaska.

In this session we will take you from theory to practice and discuss various tools as well as provide information on how to do more Green Infrastructure and Green Buildings in Alaska in the future. Speakers will discuss cost savings and financing; incentive programs available; pros/cons of Green Infrastructure and Green Building development; and other potential funding sources.

Presenters: Robert Ruffner, Kenai Watershed Forum; Allegra Bukojemsky, BioHabitat; Philip Alderfer, Alderfer Group; Cary Bolling, AHFC
 Moderator: David Sheer, DnA Design

Cultural Resources: Cultural Resource Management and You. Tools for Citizens (Part 1 of 2)
E/Space 4

Details: This session will present information on Federal heritage preservation efforts that illustrate creative and successful mitigation efforts using the National Historic Preservation Act section 106 process. This session will include a case study of the Pribilof Islands and one on forest fire management concerns throughout Alaska's National Parks.

Presenters: Karlene Leeper, U.S. Air Force, 611th Civil Engineer Squadron; Jennifer Tobey, ASRC Energy Services; and John Lindsay, U.S. National Oceanic and Atmospheric Administration, Pribilof Island Environmental Restoration Program Manager
 Moderator: Karlene Leeper, U.S. Air Force, Elmendorf Air Force Base

Children Run Better Unleaded

E/Space 13&14

Details: This session deals with lead and asbestos hazards for children which are often found in older housing units. It also presents information on who to contact at the Environmental Protection Agency (EPA) for assistance in complying with the regulations.

Presenters: John Pavitt, U.S. Environmental Protection Agency, Alaska Operations Office; Dorothy Saunders, U.S. Environmental Protection Agency

Moderator: James W. Hostman, 611 CES/CEAO

Climate Change in Alaska: Building Resiliency into our Future (Part 1 of 2)

E/Arteaga Room

Details: Coastal Communities Adapting to Change: This extended panel session and discussion will serve as a focal point for discussion centered around key issues being faced by communities threatened by flooding and erosion. Climate Change is only a part of the picture; rising energy costs and sustainability are also key factors, all of which must be taken into consideration when looking ahead and building resiliency into a healthy future.

Presenters: Mike Black, Department of Commerce, Community and Economic Development; Patricia Opheen, U.S. Army Corps of Engineers; John Madden, Department of Homeland Security and Emergency Management; Frank Richards, Alaska Department of Transportation & Public Facilities; Jeff Malcolm, Government Accounting Office; Jack Hebert, Cold Climate Housing Research Center; Greg Magee, Alaska Department of Environmental Conservation; Steve Ivanoff, Kawerak; Stanley Tom, Newtok Traditional Council; Sally Cox, Alaska Department of Commerce, Community and Economic Development; Paula Cullenberg, Alaska Sea Grant; George Cannelos, Denali Commission

Moderators: Jackie Poston, Alaska Department of Environmental Conservation, and Steve Ivanoff, Kawerak Inc.

Walrus and Polar Bear – What Next? (Part 1 of 2)

E/Space 2

Details: A presentation and discussion of ongoing management actions and directions for management and conservation in a changing environment. Information from the Russian Chukotsk Peninsula and the Alaskan Chukchi and Beaufort Sea regions will be examined.

Presenters: Susanne Miller, Kaktovik; Craig Perham, North Slope; Terry DeBruyn, Chukchi/Bering Sea region; Charles Hamilton, Legal; U.S. Fish and Wildlife Service

Moderator: Rosa Meehan, U.S. Fish and Wildlife Service

Film Festival: Education

E/Space 5

Details: "Eating Alaska" by Frankenstein Productions; This is a serious and humorous film about connecting to where you live and eating locally. It is about trying to break away from the industrial food system when that means not only buying fresh seasonal food from local farmers, but taking part in a world of hunting and gathering. Made by a former city dweller now living on an island in Alaska and married to fisherman and deer hunter, it is a journey into regional food traditions, our connection to the wilderness and to what we put into our mouths. 57 minutes (<http://www.eatingalaska.com>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency

Presenter: Moses Tcheripanoff, Aleutian Pribilof Island Association, Inc.

Public Health and the National Environmental Policy Act Process

E/Space 6

Details: This session will review the framework provided by the National Environmental Policy Act (NEPA), Council on Environmental Quality (CEQ) regulations, executive orders, and CEQ guidance for addressing Public Health in NEPA documents. The session will use these existing regulations and guidance to suggest an outline for a practical approach to including health impacts in NEPA documents.

This session will present a case study of a mine project currently undergoing agency permitting review will be presented as a case example to demonstrate a process for integrating a public health evaluation with the NEPA analysis.

Presenters: Hahn Shaw, Environmental Protection Agency; Aaron A. Wernhan, Alaskan Native Tribal Health Consortium

Moderator: Robert Brandau, Mangi Environmental Group

Weaving Culture and Language into Tribal Environmental Program Development

E/Cook Room

Details: Esteemed panel of speakers discuss experiences in education, to offer participants the Tribal perspective on building environmental programs with native language and culture as the foundation. Translated.

Speakers: Walter Porter, Elder, Mythologist; Wilson Justin, Elder (invited); Sally Carufel-Williams, Native American Fish & Wildlife Societ

Moderators: Tami Fordham and Santana Gay, U.S. Environmental Protection Agency

Afternoon

February 3

TUESDAY

February 3

2:00 p.m. - 3:15 p.m. (continued)

Oil Spill Prevention and Response (Part 1 of 2)*E/LaPerouse Room*

Details: It has been twenty years since the worst environmental disaster in the history of the U.S. This session looks at how oil spill prevention and response capabilities have changed since the Exxon Valdez oil spill.

Presenters: Stan Jones, Prince William Sound Regional Citizens' Advisory Council; United State Coast Guard; Alaska Department of Environmental Conservation

Moderator: Scott Pegau, Oil Spill Recovery Institute

The Denali Alaska Gas Pipeline - Major Environmental Issues and Challenges*E/Space 11&12*

Details: Identification of the key environmental issues and challenges facing the Alaska Gas Pipeline Project, such as subsistence impacts, permafrost, geotechnical hazards, climate change, etc., and a discussion of how these issues and challenges should be addressed as the project moves forward.

Presenter: Gary Gustafson, Denali Alaska Gas Pipeline

Moderator: Eleanor Huffines, The Wilderness Society

Coal Development in Alaska*E/Space 9&10*

Details: Alaska has the largest coal deposits in the United States and one of the most extensive coal resources in the world. Future developments of coal as an energy resource has the potential to affect the development of this resource in Alaska. Learn about existing and future coal developments, coal burning technologies, coal liquification technologies, and the environmental impacts associated with this resource.

Presenters: Jim Whitaker, Fairbanks North Star Borough; Tim Leach, Matanuska Electric Association Ratepayers Alliance; Dennis Gann, Cook Inlet Keeper; Richard Peterson, Alaska Natural Gas to Liquids

Moderator: Steve Haagenson, Alaska Energy Authority

3:30 p.m. - 4:45 p.m.

Rural Issues: The Impact of Construction and Demolition Waste on Rural Dump Sites*E/Space 7&8*

Details: Renovation and new construction of clinics, schools, washeterias, and other community buildings all have one thing in common: the generation of construction and demolition (C&D) waste. All too often this C&D waste makes it into the village dump site in ways that negatively impact access, health and safety, and the life expectancy of the dump site as well as the environment. This facilitated discussion is an opportunity for participants to identify problems, to ask who has taken action on these issues, to share lessons learned and progress on the issues, and to receive a list of tools and funding ideas to help address waste issues in their villages.

Presenters and moderators: Lance Whitwell, Native Village of Venetie Tribal Government; Melissa Winters, U.S. Environmental Protection Agency

Green Infrastructure and Green Building: What's In It For Me?*E/Space 3*

Details: In this energizing session, several young Alaskans will speak about how they envision Green Infrastructure and Green Building initiatives making a positive difference in their future on a personal and community level. In addition, we will invite you to share your own thoughts on these initiatives during a follow-up "open-mic" opportunity.

Presenters: High School and College Students

Moderator: Ann Rappoport, Anchorage Fish and Wildlife Field Office, U.S. Fish and Wildlife Service

Future Cruise Ship Tourism and Potential Impacts on Rural Alaska*E/Space 11&12*

Details: This panel session will present information on tourism increase in rural Northwest Alaska and potential impacts to local communities.

Presenters: John Kreilkamp, Cruise West; Pat Mulligan, Cruise Line Agencies of Alaska

Moderator: Shane Montoya, U.S. Coast Guard Seventeenth District

NOTES:

Cultural Resources: Cultural Resource Management and You. Tools for Citizens (Part 2 of 2)

E/Space 4

Details: This session will present case studies from the Aleutian Islands and Kenai Peninsula on Federal heritage preservation efforts that illustrate creative and successful mitigation efforts using the National Historic Preservation Act section 106 process. A question and answer session will follow the presentation.

Presenters: Michael Yarborough, Cultural Resource Consultants; Alan Depew, Alaska Office of History and Archeology
Moderator: Karlene Leeper, U.S. Air Force, 611th Civil Engineer Squadron, Elmendorf Air Force Base

Climate Change in Alaska: Building Resiliency into our Future (Part 2 of 2)

E/Artega Room

Details: Coastal Communities Adapting to Change: This extended panel session and discussion will serve as a focal point for discussion centered around all key issues being faced by communities threatened by flooding and erosion. Climate Change is only a part of the picture; rising energy costs and sustainability are also key factors, all of which must be taken into consideration when looking ahead and building resiliency into a healthy future.

Presenters: Mike Black, Department of Commerce, Community and Economic Development; Patricia Opheen, U.S. Army Corps of Engineers; John Madden, Department of Homeland Security and Emergency Management; Frank Richards, Alaska Department of Transportation & Public Facilities; Jeff Malcolm, Government Accounting Office; Jack Hebert, Cold Climate Housing Research Center; Greg Magee, Alaska Department of Environmental Conservation; Steve Ivanoff, Kawerak; Stanley Tom, Newtok Traditional Council; Sally Cox, Alaska Department of Commerce, Community and Economic Development; Paula Cullenberg, Alaska Sea Grant; George Cannelos, Denali Commission

Moderators: Jackie Poston, Alaska Department of Environmental Conservation, and Steve Ivanoff, Kawerak Inc.

Walrus and Polar Bear -- What Next? (Part 2 of 2)

E/Space 2

Details: A presentation and discussion of ongoing management actions and directions for management and conservation in a changing environment. Information from the Russian Chukotsk Peninsula and the Alaskan Chukchi and Beaufort Sea regions will be examined.

Presenters: Joel GarlichMiller, U.S. Fish and Wildlife Service; Tony Fischbach, U.S. Geological Survey; Jonathan Snyder, U.S. Fish and Wildlife Service; Vladilen Kavriy and Geoff York, World Wildlife Fund
Moderator: Rosa Meehan, U.S. Fish and Wildlife Service

Film Festival: Non-indigenous Species

E/Space 5

Details: "UAF Cooperative Extension Service Mine Information Tour" by University of Alaska Fairbanks; This film documents a community leader's tour of two large-scale mines in Alaska. The tour, which took place in May 2008, provided an opportunity for Elders and other community representatives from villages along the Lower Kuskokwim River to see first hand how a large-scale mine operates, and to interact with mining and environmental professionals to learn more about how mining might look in their region. 22 minutes (<http://www.uaf.edu/ces/>)

Presenter: Meg Burgett, Palmer Research and Extension Center
Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association Inc.

"Defending Favorite Places" by Douglas H. Grann, Wildlife Forever; America's hunters and anglers represent an essential stakeholder group in combating invasive species that threaten native fish and wildlife populations and their habitat. By linking hunting and angling conservation ethics to invasive species management principles an achievable goal of preventing and controlling invasive species can be attained. Together sportsmen and women are joining forces to defend their favorite places by stopping the invasion. 27 minutes (<http://www.fs.fed.us/invasivespecies/>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency
Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association Inc.

Health Impact Assessment and Natural Resource Development Permitting in Alaska: An Update on the Current Status and Future Directions

E/Board Room

Details: Over the last three years, a growing collaboration of regional, state, tribal, and federal health agencies in Alaska has begun to use the methodology of Health Impact Assessment to address public health concerns in the permitting of large projects and programs, such as large mines, oil and gas projects, and natural resource development leasing programs. This session will provide a brief history of the origins of this work, projects completed and in progress, and future directions.

Presenters: Aaron A. Wernham, Alaska Native Tribal Health Consortium; Ed Fogels, State of Alaska Department of Natural Resources
Moderator: Robert Brandau, Mangi Environmental Group

Afternoon

February 3

TUESDAY

February 3

3:30 p.m. - 4:45 p.m. (continued)

**EPA Communications Protocols: North Slope
Community Case Study***E/Cook Room*

Details: EPA programs that are taking action on the North Slope will begin to implement a plan and utilize the North Slope Communications Protocol to ensure early community and Tribal government involvement, consultation, acknowledgement of existing and potential environmental justice issues, and transparency of the permitting process. This plan will establish clear expectations about opportunities and timeframes for meaningful community involvement. The Protocol will specify best practices, protocols and resources for sustained, meaningful engagement with local populations.

Presenter: Cathy Villa, U.S. Environmental Protection Agency
Moderator: Ted Rockwell, U.S. Environmental Protection Agency

**Local to Global: Program Projects of
International Scope***E/Space 13&14*

Details: This session features a panel of speakers who will share their experiences in working on international projects for Tribal General Assistance Programs.

Presenters: Mike Brubaker, Alaska Native Tribal Health Consortium;
Ella Barnes, U.S. Environmental Protection Agency
Moderator: Santina Gay, U.S. Environmental Protection Agency

Oil Spill Prevention and Response, (Part 2 of 2)*E/LaPerouse Room*

Details: It has been twenty years since the worst environmental disaster in the history of the U.S. This session looks at how oil spill prevention and response capabilities have changed since the Exxon Valdez oil spill.

Presenter: Michael Levshakoff, Ship Escort/Response Vessel System;
W. Scott Pegau, Oil Spill Recovery Institute
Moderator: W. Scott Pegau, Oil Spill Recovery Institute

**TransCanada's Alaska Pipeline Project: The
Engineering and Environmental Partnership
Approach***E/Space 1*

Details: TransCanada will provide a project update to describe the key activities underway to progress TransCanada's Alaska Pipeline Project. The presentation will also focus on the partnership approach of the engineering and environmental disciplines that has proven successful in developing an environmentally and technically sound pipeline project.

Presenter: Karen Etherington, TransCanada
Moderator: Pat Pourchot, Audubon Society

Alaska Ocean Energy Potential*E/Space 9&10*

Details: Ocean experts agree, Alaska is THE ocean energy state with over 95% of the potential tidal power of the country. Learn about tidal power projects and research being planned for and developed in Alaska. Recent and ongoing research, technology developments, and future potential for this growth industry coming to Alaska.

Presenters: Doug Johnson, Ocean Renewable Power Corporation,
Todd Radenbaugh, University of Alaska
Moderator: Monty Worthington, Yukon River Inter-Tribal Watershed Council

**The Rebel Pebbles: How Youth in Dillingham
Organized Around an Environmental Issue***E/Space 6*

Details: Environmental dialogues often neglect to include the youth voice. In Dillingham, Alaska youth joined together to create the Rebel Pebbles, in response to the proposed Pebble Mine. Through their own creativity and motivation, these youth entered into the discussion. They held a public forum with a panel discussion, led a parade, took a survey of Dillingham students, held a demonstration, created a billboard display, conducted a mock trial, and were interviewed by NPR.

Presenters: Tamrit Grewal, Chanice Nelson, Chelsea Kasaiely, Stacy Rolf, all Rebel Pebbles
Moderators: Kathy McLinn and Karen McCambly, Dillingham School District

8:00 a.m. - 9:15 a.m.

KEYNOTE EVENT

D/Tikahtnu Ballroom

GEORGE CANNELOS, Federal Co-Chair Denali Commission



Details: George J. Canelos serves as Federal Co-Chair of the Denali Commission. He was appointed to lead this independent federal agency by U.S. Secretary of Commerce Carlos M. Gutierrez in September 2005. Prior to his appointment, he served as President and Chief Operating Officer of KPB Architects, and as Director of the Heritage Land Bank for the Municipality of

Anchorage. He capped a 32-year military career as a Brigadier General commanding the Alaska Air National Guard.

Mr. Canelos has extensive experience in rural Alaska, and has lived in Anchorage, Bethel and Juneau. He began his career in Alaska in 1975 with the Department of Community & Regional Affairs. He completed planning and community development projects in over 50 Alaskan communities, in the public and private sectors, to include comprehensive, strategic, and transportation planning, feasibility studies, training and land management. He served as Chief Operating Officer for Chugach Alaska, Inc., and General Manager for Bethel Native Corporation.

He earned a Bachelors degree in Economics from Lewis and Clark College and a Masters of Regional Planning from the University of Pennsylvania. Mr. Canelos is a member of the Urban Land Institute, the American Institute of Certified Planners, Anchorage Rotary, and the Veterans of Foreign Wars. He is Board Chair for the Anchorage Community Land Trust, Vice Chair of Anchorage Winter Cities and a board member of the Foraker Group.

NOTES:

8:00 a.m. - 11:45 a.m.

Statement of Cooperation Executive Steering Committee Meeting

D/K'enakatnu Executive Board Room

Details: By invitation only. This session is a closed session of the steering committee.

Alaska Tribal Multi-Media Small Demonstration Projects: Innovative Projects that Make Sense

D/Tubughneng' Breakout Room 4

Details: By Invitation Only. This is a closed meeting for Award recipients.

Moderators: Mike Brubaker, Alaska Native Tribal Health Consortium; Ellen Kazary, RurALCAP

9:30 a.m. - 10:30 a.m.

Climate Change Sessions by The Alaska Municipal League (Day 1 of 2): City of Homer Sustainability Policy Guide

D/Tubughneng' Breakout Room 3

Details: The Alaska Municipal League will be holding a meeting of it's members that is open to all registered participants. Amy Shatzin of the International Council for Local Environmental Initiatives (ICLEI), a global organization of local governments for sustainability, will provide a national overview of local sustainability initiatives. Anne Marie Holen and the City of Homer's consultant, Joel Cooper, will present the recently adopted Sustainability Policy Guide, which shows how dozens of daily activities can be modified to conserve energy and resources.

Rural Issues: Traditional Ecological Knowledge and Habitat Conservation

E/Space 1

Details: Presenters will describe a collaborative effort among The Nature Conservancy, a local land trust, a regional Native corporation, a local watershed council, and Native tribal organizations to collect traditional ecological knowledge and apply that knowledge to develop practical conservation strategies for Native lands. The effort resulted in the Nushagak River Watershed Traditional Use Area Conservation Plan. The process used to develop the plan could be adapted to help local Native village corporations identify corporation lands that may be appropriate for future conservation and habitat protection.

Presenters: Sue Flensburg, Bristol Bay Native Association; Francisca Yanez, Bristol Bay Native Corporation; Mike Weidmer, Malma Consulting Services; Bobby Andrew, Nushagak-Mulchatna Watershed Council
Moderator: Tim Troll, The Nature Conservancy

Morning

February 4

WEDNESDAY

Tribal Subsistence Assessment Projects (Part 1 of 2)

E/Space 13&14

Details: This two-part session focuses on Tribal fish and wildlife subsistence assessment projects, which includes collecting data for natural resource management agencies. Presenters will give an overview of their programs and have an interactive discussion on the successes and challenges of Tribal subsistence programs.

Presenters: Anthony Christianson, Hydaburg Cooperative Association; Dr. Darrel Williams, Ninilchik Tribal Council; Sandra Tahbone, Kawerak Inc.; Jeff Hetrick, Alutiiq Pride Shellfish Hatchery
Moderator: Cathy Needham, Organized Village of Kasaan

Maritime Operations in the Arctic

E/Space 7&8

Details: This panel session will present information on recent Coast Guard activities and future operations in the arctic and results of recent arctic seafloor mapping of the extended US Continental Shelf.

Presenter: U.S. Coast Guard Seventeenth District; Andy Armstrong, National Oceanic & Atmospheric Administration
Moderator: Shane Montoya, U.S. Coast Guard Seventeenth District

Government Mandates for Sustainability: Summary of Executive Orders, Laws, etc., that Create a more Sustainable Federal Government

E/Space 4

Details: This session will present information and actions to meet goals of the newest legislation aimed at creating a federal government that uses less energy and natural resources, while reducing waste. The session will include a case study of Kenai Fjords National Park.

Presenters: Cheri Sayer, U.S. General Services Administration, Northwest Arctic Region, Energy Coordinator and Jeff Mow, U.S. Department of Interior, National Park Service, Kenai Fjords National Park
Moderator: Cheri Sayer, U.S. General Services Administration, Northwest Arctic Region

Investing in Rural Infrastructure (Part 1 of 2)

E/Space 9&10

Details: This session will focus on lessons learned, best practices and challenges to rural infrastructure projects in Alaska from the funders' perspective. Specific project examples will be highlighted and discussed.

Presenters: (Unconfirmed) Diane Kaplan, Rasmuson Foundation; Colleen Bickford, U.S. Housing and Urban Development; Jeff Jesse, Alaska Mental Health Trust Authority; Meera Kohler, Alaska Village Electric Cooperative; Emil Notti, Alaska Department of Commerce, Community, and Economic Development; Dan Fauske, Alaska Housing Finance Corporation; Larry Hartig, Alaska Department of Environmental Conservation; Mike Black, Alaska Department of Commerce, Community, and Economic Development
Moderator: George Cannelos, Federal Co-Chair, Denali Commission

Climate Change in Alaska: Building Resiliency - Health & Culture

E/Artega Room

Details: This session will focus on opportunities for building resiliency in the face of our changing climate in the areas of health and culture. Hear an overview of the impacts being addressed and prospective options under consideration for recommendation to the State of Alaska by stakeholders in the Governor's Sub-Cabinet on Climate Change Strategy development process.

Presenters: Clinical Associate Professor, University of Washington; Joe McLaughlin, Alaska Division of Public Health; Craig Fleener, Alaska Department of Fish and Game; Elaine Abraham, Alaska Native Elder
Moderator: Jeffrey Demain, Allergy, Asthma & Immunology Center of Alaska

Mining Fundamentals: An Introduction (Part 1 of 4)

E/Space 2

Details: An introduction to the basics of mineral exploration, mining and mineral processing.

Presenters: Tom Crafford, Alaska Department of Natural Resources; Patty McGrath, U.S. Environmental Protection Agency
Moderator: Tami Fordham, U.S. Environmental Protection Agency

9:30 a.m. - 10:30 a.m. (continued)

Film Festival: Ecosystem/Preserving the Environment, Solid Waste/Recycling

E/Space 5

Details: "Harvest For Tomorrow" by Partners for Fisheries Monitoring Program; This film is helping Alaska Native and rural organizations actively participate in the management of subsistence fisheries. Healthy fisheries are vital to rural Alaska, where economic opportunities are limited and subsistence is an important part of people's livelihood. The consumption of subsistence fish in rural Alaska averages more than 200 pounds per person. Subsistence is also a foundation of Alaska Native culture. 17 minutes (<http://alaska.fws.gov/asm/home.html>)

"Drum Characterization & Consolidation" by Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.; During the summer of 2007, the community of Sand Point, Alaska conducted a drum characterization by performing an onsite analysis, planning and assessment of the contaminants. Upon completion of the first step, the participants were taught the methodology used for drum cleanup which includes equipment operations and consolidation. 16:35 minutes (<http://www.apiai.org>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency

Presenter for both films: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Keeping Ahead of the Curve: General Assistance Program Grants Management Changes and Developments for New Recipients

E/Cook Room

Details: This session is for those new to their Tribes' General Assistance Program (GAP) wishing to get an edge on managing their GAP grants effectively through discussion of common problems and practical solutions, presented in a fun environment.

Presenters: Santina Gay and Paul Steele, U.S. Environmental Protection Agency

Moderator: Michelle Davis, U.S. Environmental Protection Agency

Unlocking Heavy Oil Reserves on Alaska's North Slope

E/Space 11&12

Details: Using new technologies, the large reservoirs of shallow oil below the permafrost of Alaska's North Slope may be assessed and eventually produced. This presentation will describe one such technology that has been successfully used in Canada called "chops" or cold, heavy oil production with sand. A pilot project of this technique is planned for Milne Point this fall to evaluate the process.

Presenter: Eric West, BP (Alaska) Exploration

Moderator: George Snodgrass, Alpine-Meadows, Inc.

Contaminant Research in Alaskan subsistence species and Coastal Waters

E/LaPerouse Room

Details: University of Alaska Fairbanks' Wildlife Toxicology Laboratory is working on multiple projects evaluating contaminants in Alaskan subsistence species. They are also assessing the nutrient values of some species to provide better information to subsistence users. The Alaska Department of Environmental Conservation is embarking on a baseline evaluation of contaminant levels in all of Alaska's coastal regions. This presentation will provide an overview of that research to date.

Presenters: Sara Moses, Kotzebue; Katrina Knott; Camilla Lieske, Mekoryuk; Doug Dasher, Environmental Assessment Program

Moderator: Todd O'Hara, UAF Wildlife Toxicology Laboratory

9:30 a.m. - 11:45 a.m.

Transforming the Human Community: Connecting Conversations for Peer Listener Networks

D/Tubughneng' Breakout Room 5

Details: The human community faces many challenges to survival in the twenty-first century. New problems have invaded and weakened the social fabric, culture and traditions of the past. A form of modern collective trauma has been identified as a consequence of ecological disasters such as the Exxon Valdez Oil Spill. This workshop will focus on understanding this "new species of trouble" and will outline one specific strategy to restore the social fabric and provide communities with a positive sense of collective purpose. This session is limited to 25 participants, but is also available Thursday afternoon.

Presenter: Dr. Steven Picou, University of South Alabama

Moderator: TBA

9:30 a.m. - 4:45 p.m.

Picture Exhibition: Before and After Community Abandoned Drum Clean Up Projects

E/Cook Room

Morning

February 4

WEDNESDAY

**Climate Change Sessions by The Alaska
Municipal League (Day 1 of 2): New Initiatives of
the Obama Administration**

D/Tubughnena' Breakout Room 3

Details: The Alaska Municipal League will be holding a meeting of it's members that is open to all registered participants. Susanne Fleek-Green, State Director for Senator Begich, will provide an up-to-date overview of new initiatives in the Obama Administration including infrastructure funding, energy conservation and alternative energy funding, other 'green' initiatives, and other actions that may affect Alaska communities.

Survey of Environmental Crimes in Alaska

E/Space 1

Details: A survey of environmental crime activities that includes a selection of crimes committed in Alaska will be presented. This session will provide a survey of environmental crime activities and identify how environmental-wrongs may constitute crimes. The presentation includes a selection of crimes previously committed in Alaska and references investigative techniques utilized by enforcement personnel during environmental crime investigations. The presenter will discuss the environmental and community benefits of successful criminal enforcement actions and will explain how concerned citizens and environmental groups may contribute to the enforcement process.

Presenter: Matthew Goers, U.S. Environmental Protection Agency
Moderator: Frank Powers, U.S. Environmental Protection Agency

**The Role of Tribal Community and Academic
Partnerships in Investigating Environmental
Health Concerns in Alaska**

E/Space 11&12

Details: Many North American Native tribal populations maintain strong culturally and ecologically interdependent relationships with the natural environment. Though many of these relationships developed over centuries, the knowledge and skills accumulated are an invaluable source of information that should be shared and utilized by tribal and non-tribal communities alike. Through the process of community participatory research, Alaska Natives can prioritize research topics, and contribute invaluable traditional knowledge to the western scientific method resulting in uniquely valuable research data. In this way, communities are better able to develop strategies to respond to environmental threats.

Presenter: Vi Waghiyi, Alaska Community Action on Toxics
Moderator: Running Grass, U.S. Environmental Protection Agency

**Tribal Subsistence Assessment Projects
(Part 2 of 2)**

E/Space 13&14

Details: This two-part session focuses on Tribal fish and wildlife subsistence assessment projects, which include collecting data for natural resource management agencies. Presenters will give an overview of their programs and have an interactive discussion on the successes and challenges of Tribal subsistence programs.

Presenters: Anthony Christianson, Hydaburg Cooperative Association; Dr. Darrel Williams, Ninilchik Tribal Council; Sandra Tahbone, Kawerak Inc.; Jeff Hetrick, Alutiiq Pride Shellfish Hatchery
Moderator: Cathy Needham, Organized Village of Kasaan

Erosion Impacts on Alaskan Communities

E/Space 7&8

Details: A panel presentation of information on impact of weather on foreseen erosion both coastal and inland as well as melting of permafrost.

Presenters: Jeff Malcolm, U.S. Government Accountability Office (GAO); Orson Smith, University of Alaska Anchorage; Bruce Sexauer, U.S. Army Corps of Engineers
Moderator: Valerie Ringold, U.S. Army Corps of Engineers

NOTES:

Low-Impact Development: Beyond Compliance Design Practices to Reduce Environmental Impact and Energy Use

E/Space 4

Details: This session discusses federal efforts to promote specific designs that minimize environmental impacts, promote clean water, and reduce energy use by the federal government. The session includes sample projects in Alaska.

Presenters: Bryan Haelsig, U.S. Navy; Matt Jabloner, U.S. Navy
Moderator: George Hart, U.S. Navy

Guidance on Investigating Vapor Intrusion at Contaminated Sites

E/Space 3

Details: Chemical vapors from underground contamination can enter the air of buildings through cracks in the foundation. Recent information nationally has pointed to the possible health risks of long-term exposure to low levels of vapors indoors. Investigators have developed a phased approach in the last several years to document when these small but unhealthy amounts of toxic or carcinogenic subsurface vapors are entering overlying buildings. The Alaska Department of Environmental Conservation will conduct this session designed for consultants, presenting its draft guidance for use in vapor intrusion investigations.

Presenter: Todd Blessing, Alaska Department of Environmental Conservation
Moderator: Marti Early, Alaska Department of Environmental Conservation

Investing in Rural Infrastructure (Part 2 of 2)

E/Space 9&10

Details: This session focuses on lessons learned, best practices and challenges to rural infrastructure projects in Alaska from the perspective of applicants, grantees and recipients. It is intended as a follow-up discussion to the first session which focuses on funding agencies. Specific project examples will be highlighted and discussed.

Presenters: (Unconfirmed) Wanetta Ayers, Western Alaska Community Development Association; Paulette Schuerch, Copper River Native Association; Mike Hoffman, Association of Village Council Presidents; Raven Sheldon, Native Village of Selawick; Patricia Phillips, Pelican; Andy Teuber, Kodiak Area Native Association.
Moderator: George Cannelos, Denali Commission

Climate Change in Alaska: Wildlife and Other Natural Systems

E/Artega Room

Details: This session will focus on opportunities for building resiliency in the face of our changing climate in our natural world and the human systems, like tourism and fisheries that rely on natural resources and assets. Hear an overview of the impacts being addressed and prospective options under consideration for recommendation to the State of Alaska by stakeholders in the Governor's Sub-Cabinet on Climate Change Strategy development process.

Presenters: Terry Chapin, University of Alaska Fairbanks; Brendan Kelly, University of Alaska Southeast; Bruce Molnia, U.S. Geological Survey; Jeffrey Short, Oceana
Moderator: Denby Lloyd, Alaska Department of Fish & Game (invited)

Carbon Catchers, Chemistry & Climate: Changes to our Streams

E/Board Room

Details: A presentation about the seasonal changes of stream chemistry and why it is critical to predict future change related to climate warming. This information will help land managers tailor activities specifically to a watershed.

Presenter: Rick Edwards, U.S. Forest Service, Pacific Northwest Research Station
Moderator: Cherie Shelley, U.S. Forest Service

Film Festival: Non-indigenous Species

E/Space 5

Details: "Don't Move A Mussel" by Pacific States Marine Fisheries Commission. Part 1 - Provides the viewer with background information about quagga and zebra mussel origins, distribution, biology and transport vectors. 29 minutes

Part 2 - Is a watercraft inspection and decontamination training video. It includes a detailed step-by-step demonstration of how to conduct an inspection of various types and sizes of trailer-borne watercraft for the presence of quagga and zebra mussels. 17 minutes (<http://www.psmfc.org/>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency
Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

Mining 101: Environmental Issues (Part 2 of 4)

E/Space 2

Details: A presentation and discussion of mining-related issues including environmental concerns, acid rock drainage, metal leaching, water and air quality, dam safety and stability, and reclamation and closure.

Presenters: Patty McGrath, U.S. Environmental Protection Agency

Moderator: Tami Fordham, U.S. Environmental Protection Agency

General Assistance Programs: Briefing Tribal Councils on Environmental Program Developments

E/Cook Room

Details: Esteemed panel of speakers talk about how to brief your Tribal Council on important environmental program developments. EPA Tribal Coordinators provide useful tools and resources.

Presenters: Brian Cladoosby, Swinomish Indian Community; Joe Hicks, Cheesh-na Tribal Council

Moderators: Santina Gay and Cathy Villa, U.S. Environmental Protection Agency

Community Focused Contaminant Monitoring Projects

E/LaPerouse Room

Details This session focuses on local projects to evaluate and remove contaminant sources. "The Walrus and the Metal Drum" discusses the removal of metal drums from Russian communities with Alaskan assistance another discusses screening children in head start program for lead, a third will talk about the use of Brownfield funds to identify sites that need to be cleaned up in a community and the last will give an update of statewide fish sampling by the Department of Environmental Conservation.

Presenters: Mike Brubaker, Alaska Native Tribal Health Consortium; Rachel Kossover, Alaska Division of Public Health, Epidemiology; Santa Hamilton, Yukon River Inter-Tribal Watershed Council; Bob Gerlach, Alaska Department of Environmental Conservation, Alaska Fish monitoring program; Lori Verbrugge, Alaska Department of Health and Social Services.

Moderator: Kristin Ryan, Alaska Department of Environmental Conservation

Biomass: A New Look at a Traditional Energy Source

E/Space 6

Details: Biomass has been in use as a primary energy source by traditional peoples in Alaska since the land was first populated. This session presents an overview of new technologies being developed and used in Alaska to convert these resources more efficiently to heat and electricity. From fish oil to willow, the resources available in Alaska and their potential as sustainable fuel sources will be discussed.

Presenters: Gary Lawrence, Council of Athabaskan Tribal Governments; Nancy Fresco, University of Alaska Fairbanks.

Moderator: Brian Hirsch, Yukon River Inter-Tribal Watershed Council

NOTES:

12:00 p.m. - 1:45 p.m.

KEYNOTE EVENT

D/Tikahtnu Ballroom

MARK HAMILTON, President University of Alaska



Details: Mark Hamilton has rejuvenated the University of Alaska (UA) since he stepped in as the 12th president of the University of Alaska system in 1998.

After years of budget cuts and program reductions, UA under Hamilton has experienced healthy budget growth and sustained support from both

the governor and state legislature. This investment in the university system has allowed for expanded degree options for students, much-needed improvements to facilities, and increased enrollment. UA enrolls 32,000 students, employs over 7,900 faculty, staff and student workers, and had an FY07 operating budget of over \$798 million, including state, federal and private funds.

President Hamilton has convinced the governor, the legislature and the public that a strong state needs a strong university committed to teaching Alaska's leaders and workforce. Hamilton believes the university must play a major role in conducting research vital to the Arctic environment as well as the state, national and global economies.

Accomplishments:

- As one of his first official actions, President Hamilton established the UA Scholars Program to persuade the state's brightest high school graduates to stay in Alaska for college. The program—which awards a substantial scholarship to the top 10 percent of each graduating class of every high school—has been a tremendous success. There are currently 1,600 UA Scholars attending college right here in Alaska.
- The number of Alaska high-school seniors who come directly to UA has increased from 40 percent in the mid-1990s to over 63 percent today. The UA Scholars are a small percentage of this growth.
- Local, state and federal leaders put a high priority on the University of Alaska. The public has responded with support for UA's 16 campuses across the state.
- Business partnerships with the UA have flourished during this time of momentum.

Introduction provided by Federal Co-Chair George Cannelos, Denali Commission.

2:00 p.m. - 3:15 p.m.

The Impact of Dump Site Contaminants on Rural Populations: What is Known and Not Known

E/Space 13&14

Details: It is said that what ever comes into the village stays there, and, disturbingly, this continues to include a wide variety of potentially hazardous material and waste. Petroleum products, solvents, paints and thinners, adhesives, degreasers, batteries, light ballasts and fluorescent lamps, and e-waste have historically been disposed of at village dumps sites. Little is know about how the contaminants associated with these wastes get into the environment and whether they disproportionately impact the health of rural residents as compared to their urban counterparts. This session will seek to summarize what is know and unknown and to answer as many questions as is possible on this topic.

Presenters: Lori Verbrugge, Alaska Department of Health and Human Services; Lynn Zender, Zender Environmental Health and Research Group

Presenter and moderator: Juliana Grant, Agency for Toxic Substances and Disease Registry

Trends in Arctic Mining: Assessing Data for Monitoring Social Indicators

E/Space 7&8

Details: The Arctic Observation Network Social Indicators Project is compiling circum-Arctic, time-series data in fisheries, marine mammals, tourism, oil and gas and mining, and social indicators, and piloting a geographic information system for monitoring, research and policy. This paper gives an overview of the project, then explores trends and issues in Arctic mining. While oil and gas is a high profile and expanding resource for Arctic nations, mining is also expanding in the Arctic and increasing in importance for local and regional development. Price volatility for minerals in world markets differentially affects mining employment and revenues in Arctic regions.

Presenters: Sharman Haley, University of Alaska Anchorage; Nick Szymoniak, University of Alaska Anchorage; Matthew Klick, University of Alaska Anchorage

Moderator: Mary Cody, Minerals Management Service

Afternoon

February 4

WEDNESDAY

Climate Change Response Action: Summary of Federal Strategies to Tackle Climate Change

E/Space 4

Details: This session describes federal agency strategies to tackle the issues of climate change. The session will include information about actions being taken by the U.S. Department of Defense, U.S. National Park Service, and U.S. Environmental Protection Agency-Pacific Northwest Region.

Presenters: Elmer Ransom, U.S. Office of the Secretary of Defense; Dr. Robert Winfree, U.S. National Park Service, Alaska Region; Melissa Winters, U.S. Environmental Protection Agency, Pacific Northwest Region

Moderator: Clare Mendelsohn, U.S. Air Force

Community Solutions to Backhauling Old Tank Farms

E/Space 3

Details: This session will discuss the inventory of old tanks in Alaska communities and provide a range of examples of community solutions for utilizing inoperable tanks.

Presenters: (unconfirmed): Chris Mello, AEA; Brent Petrie, Alaska Village Electric Coop; Yukon River Inter-tribal Watershed Council; Steve Mattson, US Air Force, Remote Air Force Sites Program Manager

Moderator: Krag Johnsen, Denali Commission

Climate Change in Alaska: Infrastructure - Our Built Environment

E/Artega Room

Details: This session focuses on opportunities for building resiliency in the face of our changing climate into our homes, schools, airports, roads, runways, ports & harbors, and all other public and private buildings and infrastructure. As temperatures rise and permafrost thaws, retrofits, repairs and new design standards are becoming essential. Hear an overview of the impacts being addressed and prospective options under consideration for recommendation to the State of Alaska by stakeholders in the Governor's Sub-Cabinet on Climate Change Strategy development process.

Presenters: Stan Foo, Barrick Gold; Michael Coffey, Alaska Department of Transportation and Public Facilities; Michael Lilly, GW Scientific; Jack Hebert, Cold Climate Housing Research Center

Moderator: Patricia Opheen, U.S. Army Corps of Engineers

Mysterious Demise of an Ice Age Relic

E/Space 1

Details: Minor shifts in climate have serious and unanticipated consequences on forests, as illustrated by the decline of yellow cedar. This presentation will explain how climate triggered one of the largest die-offs of a tree species in North America. This new knowledge is being used as an adaptive approach to climate change in the development of a new cedar conservation and management strategy by scientists and land managers in southeast Alaska and adjacent areas of British Columbia. Snow and landscape models are used to identify future suitable sites for yellow cedar where active management will be aimed to favor this valuable tree in a warming climate.

Presenter: Paul Hennon, U.S. Forest Service, Pacific Northwest Research Station

Moderator: Pamela Bergmann, U.S. Department of the Interior

Film Festival: Solid Waste/Recycling

E/Space 5

Details: "Yookkene: An Introduction to Brownfields in the Yukon River Watershed" by the Yukon River Inter-Tribal Watershed Council; This film provides an introduction to Brownfields within the Yukon River watershed. Through Voices of Tribal members, the film documents the environmental impact of hazardous and solid waste in the Watershed and highlights the efforts of the Tribes to continue their role as stewards of the river. The film is both educational and humorous and is intended for all audiences. 18 minutes (<http://www.yritwc.org>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency

Presenter: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

"Invasive Species Threaten Alaska" by Kevin Co, Frontier Media Arts; Illegally stocked Northern Pike. New Zealand Mud Snails. Farmed Atlantic Salmon. These are just 3 species that pose threats to Alaska's wild salmon. 4 minutes (<http://www.frontiermediaarts.com>)

"Exploring the Chiswells" by Kevin Co, Frontier Media Arts: The Chiswell Ridge is a remote string of islands that harbors an incredible array of life above and below the ocean. In this video we use a Remotely Operated Vehicle (ROV) to capture never before seen images. 5 minutes. (<http://www.frontiermediaarts.com>)

Presenter: Kevin Co, Frontier Media Arts

Moderator: Moses Tcheripanoff, Aleutian Pribilof Islands Association, Inc.

2:00 p.m. - 3:15 p.m. (continued)

In-Situ Treatment for Chlorinated Organics

E/Space 6

Details: This session presents innovative approaches for cleanup of chlorinated solvents in soil and groundwater. Proven combinations of bioremediation approaches that can lead to a faster and more defensible path to site closure will be discussed, followed by a case study of soil fracturing and injection of substrates to enhance in-situ bioremediation.

Presenters: Craig Dockter, Hart Crowser, Win Westervelt, CH2M HILL
Moderator: Jacques Gusmano, U.S. Environmental Protection Agency

Mining Regulatory Framework (Part 3 of 4)

E/Space 2

Details: A discussion of the regulatory framework, overview of National Environmental Policy Act, and major federal and state permits required for mining operations.

Presenters: Patty McGrath, U.S. Environmental Protection Agency; Cindi Godsey, U.S. Environmental Protection Agency; Tom Crafford, Alaska Department of Natural Resources; Presenter, Army Corps of Engineers
Moderator: Tami Fordham, U.S. Environmental Protection Agency

Research and Monitoring of Contaminants in our National Parks

E/LaPouse Room

Details: This session describes recent and ongoing efforts to monitor contaminants in Alaska's national parklands. Studies include the Western Airborne Contaminants Assessment Project (WACAP), a multi-park, multi-agency effort to sample contaminants across several ecosystem components; lichen and moss sampling to monitor airborne contaminant deposition; and long-term air quality monitoring in the Gates of the Arctic National Parks.

Presenters: Bud Rice, National Park Service; Peter Neitlich, Arctic Parks.
Moderator: Cathy Cahill, University of Alaska Fairbanks

Carbon Trading Laboratory

E/Space 9&10

Details: In this simple experimental economics laboratory, participants will be divided into teams and make business decisions regarding a mock entity that is engaged in emissions trading of carbon. Participants will leave with a better understanding of how basic economic principles play out in cap and trade emissions markets. Due to the time required to complete this laboratory exercise the laboratory will extend into the following session time period (see 3:30 pm - 4:45 pm).

Presenters: Rachel Buckbee and Jim Pfeiffer, BP Alaska

Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 1 of 2)

E/Space 11&12

Details: Many rural communities in Alaska have taken initiative to develop natural resource programs to be more meaningfully involved in western science and management systems, bring local and traditional knowledge into those processes, provide local employment, and ultimately protect the resources and use areas that important to their communities. These sessions will provide case studies of successful fisheries and other natural resource programs from coastal and interior Alaska.

Presenters: Beth Spangler, U.S. Fish and Wildlife Service Fisheries Partners Program; Molly Chythlook, Bristol Bay Natural Resource Program; and Rose Fosdick, Kawerak Natural Resource Program.
Moderator: Patty Brown-Schwalenberg, Chugach Regional Resources Commission

2:00 p.m. - 5:00 p.m.

Exxon Valdez Oil Spill Public Advisory Committee Meeting

E/Board Room

Details: An open meeting of the Public Advisory Committee to the Exxon Valdez Oil Spill Trustee Council. The committee will review the draft invitation for proposals for restoration in fiscal year 2010.

Facilitators: Doug Mutter, U.S. Department of the Interior, and Cheri Womac, Exxon Valdez Oil Spill Trustee Council Restoration Office

NOTES:

Afternoon

February 4

WEDNESDAY

3:30 p.m. - 4:45 p.m.

Arctic Port and Shipping Infrastructure

E/Space 7&8

Details: This panel session presents information on current and future infrastructure located at various ports in the Arctic region of Alaska.

Presenters: Bob Pawlowski, Denali Commission; Edward E. Page, Marine Exchange of Alaska
Moderator: Shane Montoya, U.S. Coast Guard Seventeenth District

Living Marine Resources: Federal Government Efforts to Preserve the Marine Environment

E/Space 4

Details: This session presents efforts by the US National Oceanic and Atmospheric Administration, US State Department, US Fish and Wildlife Service, and US National Marine Fisheries Service to preserve living marine resources.

Presenters: Amy E. Holman, U.S. National Oceanic and Atmospheric Administration, Alaska Collaboration Team; Rosa H. Meehan, U.S. Fish and Wildlife Service; Nicole M. Ricci, U.S. State Department, Office of Marine Conservation; Mary Furuness, U.S. National Marine Fisheries Service, Sustainable Fisheries Division.
Moderator: Lt. Commander Patrick Barelli, U.S. Coast Guard District Seventeen

Climate Change in Alaska: Discussion - Pulling it All Together

E/Artega Room

Details: Come take part in this open dialogue session to share with us what you learned this week, what you would like to see more of, what you would like others to know, and ideas for working together in this complicated and ever-changing world. We are all in this together.

Moderators: Fran Sussman, ICF, International; Deborah Williams, Alaska Conservation Solutions

NOTES:

Amchitka Island Nuclear Test Site Monitoring Program Update

E/Space 13&14

Details: Underground nuclear tests on Amchitka Island between 1965 and 1971 released radionuclides deep beneath the ground. Because there is no method to contain or remove them, a long-term monitoring program is being established to watch for potential seepage from the test sites into the environment. A multi-agency group will describe monitoring work done to date and the recently finalized Long Term Surveillance and Maintenance Plan.

Presenters: Jack Craig, U.S. Department of Energy; John Halverson and Doug Dasher, Alaska Department of Environmental Conservation; Karen Pletnikoff, Aleutian Pribilof Islands Association; and Kent Sundseth, U.S. Fish & Wildlife Service.

Moderator: Marti Early, Alaska Department of Environmental Conservation

Cruise Ship Regulations: My How They have Changed!

E/Space 3

Details: The Alaska Department of Environmental Conservation instituted cruise ship regulations in 2002. Since that date, there have been major changes in cruise ship operations, including the Ocean Ranger Program, cruise ship wastewater discharge permits, and vessel tracking requirements, just to name a few. Get the latest information on this program and how it is protecting our sensitive marine environment.

Presenter: Denise Koch, Alaska Department of Environmental Conservation; Mr. John Binkley, President, Alaska Cruise Association
Moderator: James Hostman, 611th Civil Engineer Squadron

Film Festival: Education

E/Space 5

Details: "The Harriman Alaska Expedition Retraced 1899-2001" by Bullfrog Films; A century ago, railroad tycoon Edward Henry Harriman, one of the most powerful men in America, decided to take a little vacation - in the form of one of the most ambitious expeditions ever to be staged in America. Harriman invited twenty-five scientists, writers and artists to join him on a 9000 mile exploration of the coast of Alaska.

In the summer of 2001, a Smith College expedition, carrying a similar group of scientists, writers, and artists retraced Harriman's route, exploring some of the issues the original expedition faced, and some he couldn't even imagine. The film chronicling these two expeditions presents a unique look at a century of change in Alaska.
1 hour 50 minutes (<http://www.bullfrogfilms.com>)

Moderator: Ernest Young, SEE Program, U.S. Environmental Protection Agency
Presenter: Moses Tcheripanoff, Aleutian Pribilof Island Association, Inc.

3:30 p.m. - 4:45 p.m. (continued)

Treatment of PCBs and Other Recalcitrant Organic Compounds
E/Space 6

Details: MechanoChemical Destruction (MCD) technology has been demonstrated to successfully convert toxic recalcitrant organic chemicals, such as PCBs, to non-toxic byproducts. Field tests conducted at various sites demonstrated rapid destruction of over 300 mg/Kg of PCBs to less than 1 mg/Kg. The process also accomplished the destruction of organochlorine pesticides. The presentation will provide the application and results of field demonstrations as well as the details of an upcoming MCD demonstration at a site in Alaska.

Presenter: Daniel Leigh, Shaw Group

Moderator: Jacques Gusmano, US Environmental Protection Agency

Mining and Tribal Involvement (Part 4 of 4)
E/Space 2

Details: A presentation and discussion regarding how tribal governments can be involved in review of mining projects.

Presenter: Patty McGrath, U.S. Environmental Protection Agency

Moderator: Tami Fordham, U.S. Environmental Protection Agency

Contaminant Monitoring Strategy Discussion
E/LaPerouse Room

Details: By Invitation Only. This is a meeting to discuss the development of a contaminant monitoring strategy. If you are interested in participating in this ongoing effort, please contact Stephanie Steward at (907) 269-7644.

Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 2 of 2)
E/Space 11&12

Details: Many rural communities in Alaska have taken the initiative to develop natural resource programs to be more meaningfully involved in western science and management systems, bring local and traditional knowledge into those processes, provide local employment, and ultimately protect the resources and use areas that important to their communities. These sessions will provide case studies of successful fisheries and other natural resource programs from coastal and interior Alaska.

Presenters: Gary Lawrence and Jay Stevens, Council of Athabascan Tribal Governments; Harry Brower, Jr., North Slope Borough Wildlife Department; Solo Greene, Nez Perce Tribe; and Fred Matt, Native American Fish and Wildlife Society

Moderator: Patty Brown-Schwalenberg, Chugach Regional Resources Commission

Carbon Trading Laboratory (Continued)
E/Space 9&10

Details: In this simple experimental economics laboratory, participants will be divided into teams and make business decisions regarding a mock entity that is engaged in emissions trading of carbon. Participants will leave with a better understanding of how basic economic principles play out in cap and trade emissions markets. This session is a continuation of the 2 pm - 3:15 pm laboratory.

Facilitators: Rachel Buckbee and Jim Pfeiffer, BP Alaska

5:00 p.m. - 7:30 p.m.

EVENING EVENT
D/Tikahtnu Ballroom

John F. Pingayak and Chevak Dancers hosted by the EPA Region 10 - Tribal Operations Committee

Details: Dr. John F. Pingayak has spent most of his life in an impassioned, relentless, and selfless effort to preserve the history, language and culture of the Cup'ik people of Western Alaska. In the 1970's Dr. Pingayak was a founder of the Kashunamut Cultural Heritage Center in Chevak. Along with his grandfather, the well known Cup'ik elder Joseph Friday, Dr. Pingayak developed a curriculum and taught three generations of students Cup'ik dance, history, and culture. Now more than three decades in development, the curriculum is available at www.Alaskool.org.

Dr. Pingayak turned to theatre, music, and dance in the 1980's. The gifted teacher formed the Tang'ik Theatre to reinvigorate Cup'ik dance and song, which he then introduced to preschool, kindergarten, elementary, middle, high school; and to adults in school and in the community of Chevak. The dancing is popular all over Alaska and other parts of the world. The theatre group became world-renowned and his troupe of young dancer and elders have performed in Fiji, New Zealand, Australia, Russia, and other cultural centers around the globe.

An artist in his own right, Dr. Pingayak is sometimes called the "Beethoven of the Tundra" in deference to songs and dance music he has composed over the course of forty years. He is recognized for his greatly cherished carvings, and has acted in films and written plays. He advised in the development of the Alaska Native Heritage Center in Anchorage.

Dr. Pingayak, a University of Alaska Fairbanks education Graduate, was awarded the prestigious Milken Family National Educator Award in 1992. The criteria for the award truly defines his accomplishments: Exceptional educational talent as evidenced by outstanding instructional practices, outstanding accomplishments and strong long-range potential for leadership, and an engaging, inspiring, presence that motivates and impacts students, colleagues, and the community. In recognition of his achievements he has received Honorary Doctorate of Laws from University of Alaska Anchorage.

The RTOC will provide appetizers while you enjoy Dr. John Pingayak, the Chevak dancers and recognize the recipient of the Annual Ellanak Environmental Excellence Award.

Afternoon

February 4

WEDNESDAY

KEYNOTE EVENT

D/Tikahtnu Ballroom

**TLINGIT ELDER ELAINE ABRAHAM &
PATRICIA LONGLEY COCHRAN (SIGVONNA)**
Chair, Inuit Circumpolar Council



Details: Elaine Abraham, BS, MA, PhD candidate, was born and raised in Yakutat, Alaska, where she now resides. Her father was a traditional Tlingit chief and Elaine was raised in the traditional Tlingit manner. After earning a nursing degree and working for several years in Arizona, she returned to Alaska as the first Tlingit registered nurse. She served at hospitals in Juneau, Mt. Edgecumbe, and in Bethel during a diphtheria epidemic. She assisted in the opening of the Alaska Native Health Service Hospital in Anchorage in 1954.

Ms. Abraham moved to Sitka where she worked as a nurse; served as school board president during the desegregation of the village school; organized the Southeast Health Aide Program with Dr. Justice from Mt. Edgecumbe, which became the model for the statewide Alaska Native Health Aide Program; and organized the Southeast Native Board of Health.

At Sitka's Sheldon Jackson College she served as Associate Dean of Students, Director of Social Services and Vice President for Institutional Development. She developed the Tlingit and Haida Language Teachers Training program and helped in the creation of the Alaska Native Language Center, University of Alaska.

In 1976, Ms. Abraham began her service at the University of Alaska, as Vice President for Rural Education Affairs, Coordinator of Native Student Services and Associate Professor at the Anchorage campus.

Her educational credentials include a Masters of Arts in Teaching, Alaska Pacific University (APU); a Bachelors degree in Human Resources Development, APU; a Certificate in Native Linguistics, University of Albuquerque, New Mexico; Associate of Arts in Anthropology, Sheldon Jackson College; and she received the highest recorded score for the Psychiatric Nurse Evaluation in Arizona.

Ms. Abraham is a revered Tlingit elder and serves as Chairperson of the Board of Commissioner's of the Alaska Native Science Commission.

Patricia Cochran is an Inupiaq Eskimo born and raised in Nome, Alaska. Ms. Cochran serves as Chair of the Inuit Circumpolar Council (ICC), an international organization representing 155,000 Inuit of Alaska, Canada, Russia and Greenland. ICC is dedicated to protecting and advancing Inuit rights and interests on the international



level. She also serves as Chair of the Indigenous Peoples' Secretariat to the Arctic Council and as Executive Director of the Alaska Native Science Commission, an organization created to bring together research and science in partnership with Alaska Native communities.

Ms. Cochran previously served as Administrator of the Institute for Circumpolar Health Studies at the University of Alaska Anchorage; Executive Director of the Alaska Community Development Corporation; Local Government Program Director with the University of Alaska Fairbanks; and Director of Employment and Training for the North Pacific Rim Native Corporation (Chugachmiut).

Ms. Cochran has served as Chair of the American Indian/Alaska Native/Native Hawaiian Caucus of the American Public Health Association; Science Advisor to the Arctic Research Commission; Member of the Alaska Global Planning Team, Member of the Science Steering committee for the National Science Foundation Human Dimension of the Arctic System; Advisory Committee Member for NSF Office of Polar Programs; Chair of the Indigenous People's Working Group for the International Congress on Circumpolar Health; Treasurer and Governing Council Member of the International Union for Circumpolar Health; Member of the National Native Science Education Advisory Council; Member of the National Research Council Committee on Managing Wolf and Bear Populations in Alaska and Committee on Cumulative Environmental Effects of Alaskan North Slope Oil and Gas Activities; Board Member of the American Society for Circumpolar Health; President of the Albrecht-Milan Foundation; Board President of the Abused Women's Aid in Crisis Center; Member of the Southcentral Native Educators' Association; Steering Committee Member of the Northern Research Forum; Working Group Member of International Conference on Arctic Research Planning; Board Member of Native American Cancer Research; Program Steering Committee Member of the NIH Native American Cancer Research Partnership; Advisory Panel Vice Chair for the North Pacific Research Board; President of Spirit Days Incorporated; and U.S. lead for the Youth and Elders Initiative of the Arctic Council.

8:30 a.m. - 11:30 a.m.

Coastal America Alaska Regional Implementation Team Meeting

D/K'enakatnu Executive Board Room

Details: This is the annual meeting of the Coastal America Alaska Regional Implementation Team and Regional Principals. The agenda will include status reports on endorsed coastal enhancement, restoration, and conservation projects; and a discussion of future partnership activities. Reports will also be given on the programs of the Alaska SeaLife Center and the Corporate Wetlands Restoration Partnership.

Co-Chairs: Jon Kurland, National Marine Fisheries Service and Doug Mutter, U.S. Department of the Interior

8:00 a.m. - 12:00 p.m.

Climate Change Sessions by The Alaska Municipal League (Day 2 of 2)

D/Tubughneng' Breakout Room 3

Details: The Alaska Municipal League will be holding a meeting of its members and is available to all registered participants. The meeting will feature the following sessions:

Session # 3. Climate Change in Alaska
Thursday, February 5, 8:00 to 9:00 AM

Bob Corell is a Senior Policy Fellow with the Atmospheric Policy Program of the American Meteorological Society. He is also a Senior Research Fellow in the Belfer Center for Science and International Affairs of the Kennedy School of Government at Harvard University. Dr. Corell will provide a scientific overview, the national & global picture, and background on regional downscale models and their use.

Session # 4. Local Food Production and Food Security
Thursday, February 9:30 AM to Noon

Alaska is at the end of the supply chain, and with rising fuel costs, is an increasingly expensive destination for imported food supplies. This panel will address local food production and the opportunities for greater food security.

Presenters: Amy Pettit, Alaska Division of Agriculture; Arthur Keyes, Glacier Valley Farms; Milan Shipka, UAF Cooperative Extension Service; Kim Sollien, Anchorage Daily News; Heidi Rader, UAF Cooperative Extension Services

Moderator: Bill Hall, UAF Cooperative Extension Services.

8:00 a.m. - 4:00 p.m.

Climate Change - Mitigation Advisory Group Meeting

Atwood Building

Details: This 5th meeting of the Mitigation Advisory Group will begin in the Dena'ina Center with Bob Corell's presentation and then continue in Room 240 of the Atwood Building at 550 W. 7th Avenue. An agenda will be posted on the State of Alaska's Climate Change website at <http://climatechange.alaska.gov/>

8:00 a.m. - 4:00 p.m.

Climate Change: Research Coordination Workshop

D/Tubughneng' Breakout Rooms 4&5

Details: This work session brings together multiple entities working on climate change issues to exchange information on various programs to achieve a better understanding of who's doing what, begin to develop a gap analysis, and forge partnerships for future collaboration.

Presenters: Bob Corell, Global Change Programs

The H. John Heinz III Center for Science, Economics, and the Environment; Scott Rupp, Scenarios Network for Alaska Planning (SNAP); Mead Treadwell, U.S. Arctic Research Commission; Vera Metcalf, U.S. Arctic Research Commission (invited)

Moderators: Jackie Poston, Alaska Department of Environmental Conservation, Doug Vincent-Lang, Alaska Department of Fish & Game, and Clint Adler, Alaska Department of Transportation and Public Facilities

NOTES:

Morning

February 5

THURSDAY

Arctic Oil Spill Response*E/Space 2*

Details: This panel session presents information on oil spill response protocols, operations, equipment, and future initiatives in the Arctic region.

Presenters: Ron Morris, Alaska Clean Seas
Paul Moyer, U.S. Coast Guard Sector Anchorage
Moderator: Shane Montoya, U.S. Coast Guard Seventeenth District

Military Munitions Response Program: Program Overview - State of Alaska Perspective (Part 1 of 2)
E/Space 4

Details: This session describes both State of Alaska and Federal efforts related to assessing the hazards posed by munitions at military sites; including formerly used defense sites and sites located on active installations. These sites may contain unexploded ordnance, discarded military munitions, and/or munitions constituents that pose a threat to human health, public safety, and the environment.

Presenters: Jennifer Roberts, Alaska Department of Environmental Conservation, Federal Environmental Restoration; Guy Warren, Alaska Department of Environmental Conservation, Contaminated Sites
Moderator: Cristal Fosbrook, U.S. Army, Environmental Restoration Branch, Fort Richardson

Solid Waste Projects in Rural Alaska*E/Space 7&8*

Details: Panel discussion on Solid Waste projects taking place around the State of Alaska.

Presenters: Charlie Ess, Americorp RAVEN Program; Travis Woods, Bristol Environmental; DaWayne Constantine, Summit Consulting Services
Moderator: Ted Jacobson

Indigenous People's Council for Marine Mammals*E/Space 9&10*

Details: This session describes the Indigenous People's Council for Marine Mammals (IPCoMM). A panel discussion about partnerships and information exchange between Alaska Native Organizations and environmental non-government organizations around marine conservation issues of mutual concern. Another objective is to build capacity for marine mammal co-management between federal agencies and Alaska Native organizations.

Presenters: Monica Riedel, Alaska Native Harbor Seal Commission; Seve MacLean, The Nature Conservancy; Raymond Sensmeier, Southeast Alaska Inter-Tribal Fish and Wildlife Commission; Helen Chythlook, Bristol Bay Marine Mammal Council; and Muriel Morse, Bering Sea Elders Advisory Group
Moderator: Carol Torsen, IPCoMM

Predator Control: What's the Justification? (Part 1 of 2)
E/Space 3

Details: A joint presentation by the State of Alaska Department of Fish & Game and the US Fish & Wildlife Service about how predator control comes to be. Part 1 describes the state and federal mandates, processes and policies that can lead to the use of predator control as a management tool. A case study will be presented, with more case studies to be discussed in Part 2.

Presenter: Kim Titus, Alaska Department of Fish & Game; Larry Bell, U.S. Fish & Wildlife Service
Moderator: Betsy Rickards, U.S. Forest Service

Fate and Transport of Petroleum Spills in Arctic Soils and Gravel Pads
E/Space 11&12

Details: Understanding the influence unique Arctic environments have on petroleum migration through North Slope gravel pads requires modification of accepted conceptual models developed for movement through non-freezing soils. Factors that influence petroleum migration through soils underlain by permafrost and current insight into these factors will be discussed.

Presenter: David Barnes, University of Alaska Fairbanks
Moderators: Jacques Gusmano, U.S. Environmental Protection Agency, and Win Westervelt, CH2M HILL

9:30 a.m. - 10:30 a.m. *(continued)*

Implementing the Alaska Pollution Discharge Elimination System

E/Cook Room

Details: The Alaska Pollutant Discharge Elimination System update session is for anyone interested in learning how the Program will be implemented in rural Alaska. Topics will include how to participate effectively in permitting actions in your region and rural sanitation facilities. Participants will also discuss EPA's role in future permitting actions and in working with tribal governments.

Presenters: Sharmon Stambaugh, Lynn Kent, Alaska Department of Environmental Conservation; Cindi Godsey, U.S. Environmental Protection Agency
Moderators: Michelle Davis, U.S. Environmental Protection Agency; Katherine Heumann, Alaska Department of Environmental Conservation

Meet with an Environmental Protection Agency General Assistance Program Project Officer and Ask Questions

E/Space 13&14

Details: Participants benefit from one-on-one instruction, advice, and encouragement from Environmental Protection Agency's experienced grant staff. General Assistance Program (GAP) applicants and recipients will have the opportunity to meet with an EPA Tribal Coordinator to discuss general questions about proposals previously submitted; day-to-day GAP grants management, and program development.
Moderators: Adrienne Fleek, Sherry Kimmons, and Jennifer Brown, U.S. Environmental Protection Agency

Grants.gov: An Online Resource and Application Portal for Federal Grants

E/Space 1

Details: A session for Tribal Environmental Professionals that will answer the questions: Why do I need it? And how do I use it? This session will show participants how to register, search, and apply for competitive funding opportunities and access other grant information.

Presenter: Martha Barber, U.S. Environmental Protection Agency
Moderator: Paul Steele, U.S. Environmental Protection Agency

10:45 a.m. - 11:45 a.m.

Arctic Development: A Future Vision and A Way Forward

E/Space 2

Details: This session provides a panel discussion on what efforts are underway to address future needs related to development in the arctic region. Potential new transportation routes through the arctic, from sea ice reduction, could lead to more shipping traffic and more infrastructure needs.

Presenters: Krag Johnsen, Denali Commission; Billy Conner, University of Alaska Fairbanks; Peter Larson, The Nature Conservancy
Moderator: Valerie Ringold, U.S. Army Corps of Engineers

Military Munitions Response Program: Quality Assurance at Munition Response Sites (Part 2 of 2)

E/Space 4

Details: This session will describe recent efforts at the former Adak Naval Base to develop project plans using the Uniform Federal Policy for Quality Assurance Project Plans (UFP-QAPP). The UFP-QAPP is used to ensure consistent and comprehensive planning to achieve project quality.

Presenters: Guy Warren, Alaska Department of Environmental Conservation, Contaminated Sites
Moderator: Karen Dearborn, Alaska Army National Guard, Military Munitions Response Program

NOTES:

Morning

February 5

THURSDAY

Composting Programs Around Alaska*E/Space 7&8*

Details: Three different composting programs from around the state will be presented from current composting programs around Alaska. Composting fish waste will be discussed

Presenters: Jodie Anderson, Dr. Mingchu Zhang, UAF School of Natural Resources and Agricultural Sciences

Moderator: Jennifer Williams

Predator Control - What's the Biology? (Part 2 of 2)*E/Space 3*

Details: A continuation of the joint state and federal predator control presentations, Part 2 concentrates on the underlying biology that causes management challenges. What happens when populations get outside of their natural range of abundance, either too low or too high? What does it take to make predator control an effective management tool? More case studies will be presented and discussed to illustrate the prey focus and goals that have been achieved.

Presenter: Tom Paragi, Alaska Department of Fish & Game; Larry Bell, U.S. Fish & Wildlife Service

Moderator: Betsy Rickards, U.S. Forest Service

Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 1 of 2)*E/Space 1*

Details: This two part session provides information on specific tools and provisions in federal laws such as the Marine Mammal Protection Act (MMPA) and Endangered Species Act (ESA) that can be utilized to deepen involvement in the management process. Specific safeguards will also be discussed that can ensure subsistence is considered as decisions are being made. General information will also be presented on MMPA. Learn about ways to be proactive in the policy decisions affecting the subsistence lifestyle.

Presenters: Monica Riedel, Alaska Native Harbor Seal Commission; Brendan Kelly, MMPA Scientific Review Group; and David Case, Attorney
Moderator: Lianna Jack, The Alaska Sea Otter and Steller Sea Lion Commission

Banning Plastic Bags and Styrofoam in Village Alaska*E/Space 13&14*

Details: Tribes talk about their challenges and successes in banning plastic bags and styrofoam in village Alaska and utilizing community involvement techniques. This is NOT a listening session. Bring your stories, problems, and developments.

Moderator: Lynn Zender, Zender Environmental Health and Research Group

Using the Ultra-Violet Optical Screening Tool System Technology for Rapid Field Screening of Petroleum Contamination in Soil*E/Space 11&12*

Details: Summary of field experience using the Ultra-Violet Optical Screening Tool (UVOST) system for qualitative identification of petroleum hydrocarbons including gasoline, diesel, jet fuels, motor oil, and grease in subsurface soils. UVOST is an excellent screening tool that helps guide remedial investigations, reduces field costs, but is not well suited for use at every site. You will learn the advantages and limitations of this innovative field screening technology. The presenters will also provide insight into the successful incorporation of this technology with an overall remediation strategy.

Presenters: Robert Glascott, Alaska District U.S. Army Corps of Engineers; Paul Caron, Hammer Environmental; Stephen Witzmann and Jill Ladegard, Jacobs Engineering

Moderators: Jacques Gusmano, U.S. Environmental Protection Agency; Deb Caillouet, Alaska Department of Environmental Conservation

Alaska Natives and Climate Change Talking Session: A Traditional Discussion of a Modern Problem*E/Cook Room*

Details: This session provides a forum for participants to share their concerns, observations, and thoughts about climate change in a culturally relevant manner. This discussion will follow a traditional structure and will provide an opportunity for participants to exchange information with Tribal representatives from other regions.

Moderators: Wilson Justin, Mount Sanford Tribal Consortia; and Michelle Davis, U.S. Environmental Protection Agency

Are Kids Connecting to Nature?*E/Space 9&10*

Details: Many of our kids are less connected to the natural world than ever before. The implications of this reality, particularly for their physical, mental, and social health are immense. In addition, kids that don't connect to nature are far less likely to become effective stewards of our environment as adults. Join the discussion.

Presenters: Peter Stortz, UAF Cooperative Extension Service; Sharon Vassiere, Anchorage School District; Iren Persson-Gambel, Child Care Connection; Dr. Richard Mandsager, The Childrens Hospital at Providence; Nara McCray, Alaska Youth for Environmental Action; and Abbe Hensley, Best Beginnings (invited)

Moderator: Cathy Rezabeck, U.S. Fish and Wildlife Service

12:00 p.m. - 1:45 p.m.

KEYNOTE EVENT

D/Tikahtnu Ballroom

THE O'SHEA REPORT



Details: In their hilarious news-magazine format, "The O'Shea Report," Tim and Kris O'Shea take you on a journey through the ups and downs of dealing with change. This "Saturday-Night-Live-Meets-Dateline" production lampoons everything from communication through the ages to the future of technology.

Kris and Tim O'Shea are both familiar with the corporate world. While working office jobs during the day, they honed their skills as humor writers and performers at night. Their natural talents for making audiences laugh combined with their knowledge of the common obstacles of the workplace has given them the edge to effectively convey their unique message: change is all around us, so we may as well lighten up and have fun with it.

Now one of the most sought-after humor teams in the meetings industry, The O'Sheas travel from coast to coast, presenting to such organizations as Nordstrom, Hewlett Packard, Travelers Express/MoneyGram, and the American Payroll Association.

The Coastal America Program will provide the National Spirit Award Presentation to the Alaska Sea Train Project Partners.

NOTES:

2:00 p.m. - 3:15 p.m.

Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 1 of 2)

E/Space 4

Details: This session brings together nine federal government agencies/departments that will be available to discuss the current status of remediation, either past or future work, obstacles, and strategies to address the obstacles. The discussion will include collaboration. The discussion includes two sessions. It is best to be present for both.

Moderator: Larry Mercurieff, Seven Generations Consulting

Statewide Solid Waste Workgroup Meeting

E/Space 3

Details: This is one of the regularly scheduled meetings of the Statewide Solid Waste Workgroup and is open to all participants. The Solid Waste Workgroup is comprised of representatives from agencies and multiple organizations that are involved with solid waste management in Alaska. The purpose of the workgroup is to share information in order to better leverage available solid waste management resources, to support training and technical assistance, to identify financial assistance, to promote compliance, and to introduce appropriate technology.

Moderators: Ray Paddock, Central Council of Tlingit and Haida Indian Tribes of Alaska; Joe Sarcone, U.S. Environmental Protection Agency

Marine Debris Cleanup Along Alaska's Coasts (Part 1 of 2)

E/Space 2

Details: This session will focus on identifying types and locations of marine debris in Alaska, discussing issues surrounding the removal of marine debris, and determining solutions to these issues.

Presenters: Nir Barnea, NOAA Marine Debris Program; Marilyn Sigman, Center for Alaskan Coastal Studies; Greg Goodale, Matanuska Susitna Borough Solid Waste Division; Bob King, Marine Conservation Alliance Foundation; and Chris Pallister, Gulf of Alaska Keeper
Moderator: Erika Ammann, National Oceanic and Atmospheric Administration

Afternoon

February 5

THURSDAY

Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 2 of 2)

E/Space 1

Details: Continuation of the two-part session will provide information on specific tools and provisions in federal laws such as the Marine Mammal Protection Act (MMPA) and Endangered Species Act that can be utilized to deepen involvement in the management process. Specific safeguards will also be discussed that ensure subsistence issues are considered as decisions are being made. General information will also be presented on MMPA. Learn about ways to be proactive in the policy decisions affecting the subsistence lifestyle.

Presenters: Harry Brower, Alaska Eskimo Whaling Commission and North Slope Borough; Charles Hamilton, U.S. Fish and Wildlife Service; and Lisa Rotterman, National Marine Fisheries Service
Moderator: Lianna Jack, The Alaska Sea Otter and Steller Sea Lion Commission

Multi-Incremental Soil Sampling: When or When Not to Use It

E/Space 11&12

Details: Overview of the Alaska Development of Environmental Conservation method for multi-incremental sampling (MIS), lessons learned from field projects, and discussion of when or when not to use it.

Presenters: Bill O'Connell and Earl Cropps, Alaska Department of Environmental Conservation
Moderators: Jacques Gusmano, U.S. Environmental Protection Agency, and Win Westervelt, CH2M HILL

Two Topics, One Place: Brownfields Tribal Response Program Grants and Emergency Response Planning for Villages

E/Space 13&14

Details: The first part of the session is an overview of the Brownfields State and Tribal Response Program grants that are available to Alaska Tribes. A description of the grant program and examples of successful grantees in Alaska.

The second part of the session is an overview of the joint spill response planning done by the Environmental Protection Agency, USCG, and Alaska Department of Environmental Conservation. A brief description of available Environmental Protection Agency tools and templates that may assist Tribes in creating emergency response plans for their community.

Presenters: Susan Morales, U.S. Environmental Protection Agency
Moderator: Mary Goolie, U.S. Environmental Protection Agency

Climate Change: Tribal Perspectives

E/Cook Room

Details: As the effects of climate change become more visible, Tribes are beginning to discuss of how to prepare their communities using western science, traditional knowledge, and wisdom. Join us to hear what Native Leaders and Tribal organizations are working on related to climate change.

Presenters: Brian Cladaosby, Swinomish Tribe; Jim Woods, U.S. Environmental Protection Agency; Representative, National Congress of American Indians

Moderator: Michelle Davis, U.S. Environmental Protection Agency

NOTES:

2:00 p.m. - 3:15 p.m. *(continued)*

**Science Training and Education Programs for
Alaska Natives and Rural Alaskans: K-12 and
Pre-college Recruitment (Part 1 of 2)**

E/Space 6

Details: There are many programs available in Alaska, both pre-college and college, to support Alaska Natives and other rural Alaskans pursuing a career in the sciences. This session will highlight successful Tribal and university programs that provide a pathway for high school students and other residents into a college education in marine, fisheries, and other biological sciences.

Presenters: Carrie Hackett and Mike Thalhauser, Kuskokwim Native Association K-12 Science Outreach Program; Todd Raddenbaugh, University of Alaska Fairbanks, Bristol Bay Campus; and Mike Bourdukofsky, Alaska Native Science and Engineering Program
Moderator: Glenn Seaman, National Centers for Coastal and Ocean Sciences

2:00 p.m. - 4:45 p.m.

**Transforming the Human Community: Connecting
Conversations for Peer Listener Networks**

E/Space 7&8

Details: The human community faces many challenges to survival in the twenty-first century. New problems have invaded and weakened the social fabric, culture and traditions of the past. A form of modern collective trauma has been identified as a consequence of ecological disasters such as the Exxon Valdez Oil Spill. This workshop will focus on understanding this "new species of trouble" and will outline one specific strategy to restore the social fabric and provide communities with a positive sense of collective purpose. This session is limited to 25 participants.

Presenter: Dr. Stephen Picou, University of Southern Alabama

2:00 p.m. - 5:00 p.m.

**Oil Spill Recovery Institute Advisory Board
Meeting**

D/K'enakatnu Executive Board Room

Details: Semi-annual meeting of the Advisory Board of the Cordova-based Oil Spill Recovery Institute (OSRI). This session is open to the public. The purpose of the Prince William Sound Oil Spill Recovery Institute (OSRI) is to support research, education, and demonstration projects designed to respond to and understand the effects of oil spills in the Arctic and sub-Arctic marine environments. Authorized by Congress through the Oil Pollution Act of 1990, implementation of the OSRI programs is directed by a 16-member Advisory Board which is meeting today.

Moderator: Nancy Bird, OSRI Executive Director

3:30 p.m. - 4:45 p.m.

**Federal Facility Remediation Roundtable:
Open Discussion on Remedial Cleanup Projects
(Part 2 of 2)**

E/Space 4

Details: This session brings together nine federal government agencies/departments that will be available to discuss the current status of remediation, either past or future work, obstacles, and strategies to address the obstacles. The discussion will include collaboration. The discussion includes two sessions. It is best to be present for both.

Moderator: Larry Merculieff, Seven Generations Consulting

Tribal Solid and Hazardous Waste Roundtable

E/Space 3

Details: Please join other Tribal environmental professionals and council members in a discussion on solid and hazardous waste issues in rural Alaska. The outcome of this meeting is to document high priority solid and hazardous waste issues that are affecting the health of children and elders and other sensitive populations in rural Alaska villages. The priorities will be used to drive action from solid waste service providers throughout Alaska.

Moderators: Kami Snowden, Tribal Solid Waste Advisory Network;
Jennifer Williams, Institute for Tribal Environmental Professionals

**Marine Debris Cleanup Along Alaska's Coasts
(Part 2 of 2)**

E/Space 2

Details: This session is a continuation of the discussion on identifying types and locations of marine debris in Alaska, discussing issues surrounding the removal of marine debris, and determining solutions to these issues.

Presenters: Nir Barnea, NOAA Marine Debris Program; Marilyn Sigman, Center for Alaskan Coastal Studies; Greg Goodale, Matanuska Susitna Borough Solid Waste Division; Bob King, Marine Conservation Alliance Foundation; and Chris Pallister, Gulf of Alaska Keeper
Moderator: Erika Ammann, National Oceanic and Atmospheric Administration

Afternoon

February 5

THURSDAY

Logic Modeling & Performance Measurement: Learning to Tell Your Performance Story

E/Space 9&10

Details: This is a General Assistance Program (GAP) session targeting tribes and Inter-tribal Consortia who are GAP recipients and many other conference attendees. A Logic Model is a graphic illustration, a picture, of the relationships and connections between your program resources, outputs, customers, outcomes, goals and objectives. Through a combination of class instruction and hands-on exercises, participants will learn the basic steps needed to develop a logic model of your program/project or organization; and how to use the logic model to develop work plans and performance measures for your programs or projects that respond to EPA's Environmental Results Order 5700.7.

Presenter: Yvonne Watson, U.S. Environmental Protection Agency
Moderator: Cathy Villa, U.S. Environmental Protection Agency

Opportunities for Environmental Education and Stewardship through Indian General Assistance Programs

E/Cook Room

Details: Environmental stewardship can be defined as individuals, communities, and government organizations including Tribal governments, taking responsibility for the impact of their choices on the quality of the environment or natural resources shared by all. Indian General Assistance Programs (IGAP) throughout Alaska embrace various techniques to educate, motivate, and engage individuals and community members to take small actions that have big impacts. This session will highlight Tribal programs that have successfully employed various techniques such as newsletter and website development, community clean-ups, science camps, and environmental education lessons to encourage environmental stewardship.

Presenters: March Runner, Loudon Tribal Council; Mike Patterson, Woody Island Tribal Council/Tangirnaq Native Village; Maeve Taylor, AYEa; Charlene Dubay, Telida Native Village
Moderator: Mahri Lowinger, U.S. Environmental Protection Agency

General Assistance Programs: Secrets, Tools, and Resources to a Clean Audit for Federal Grants

E/Space 1

Details: Tips, pointers, and general direction on what a clean audit looks like and how to prepare for one should your Tribe be audited.

Presenter: Paul Steele, U.S. Environmental Protection Agency
Moderator: Adrienne Fleek, U.S. Environmental Protection Agency

Science Training and Education Programs for Alaska Natives and Rural Alaskans: Post-Secondary Education (Part 2 of 2)

E/Space 6

Details: This session details many programs available to support Alaskans pursuing a career in the natural sciences. Job opportunities are diverse and may include employment with a state or federal agencies, tribal governments, Alaska Native organizations, or other non-governmental organizations. This session will highlight several of University of Alaska's marine, fisheries, and natural resource college education programs.

Presenters: Kevin Illingworth, University of Alaska Fairbanks (UAF) Interior-Aleutian Campus; Katie Murra, UAF Fisheries and Marine Science Programs; Michelle Yatchmeneff, University of Alaska (UA) Alaska Native Science and Engineering Program; Beth Spangler, U.S. Fish and Wildlife Service Partners Program; Paula Cullenberg, UAF Marine Advisory Program, for the "Alaska Marine Science and Fisheries Career Coalition"

Moderator: Glenn Seaman, National Centers for Coastal and Ocean Sciences

Meeting of the Alaska Zero Waste Action Council

E/Space 5

Details: AZWAC a statewide group of recycling groups and people interested in starting recycling will meet to discuss common problems and seek common answers. Anybody is invited to attend and participate. There will be a good discuss of recycling in Alaska.

NOTES:

8:00 a.m. - 5:00 p.m.

HAZWOPER 8-Hour Refresher Course

E/Space 1, 13&14

Details: HAZWOPER 8-hour Refresher course. This training applies only to those who engage in hazardous waste/substance operations, hazardous materials emergency response, and who have previously completed either 24-hour or 40-hour hazardous waste site training. This course satisfies the Occupational Safety and Health Administration (OSHA) 8-hour annual refresher training requirements for employees conducting hazardous waste operations as specified under 29 Code of Federal Regulations (CFR) 1910.120. Participants wanting to take this session must pre-register or sign up in advance at the main conference registration desk.

Additional Information: You must be a paid Alaska Forum on the Environment (AFE) Conference registrant to take this annual 8-hour HAZWOPER refresher class. Topics covered, as recommended under 29 CFR 1910.120(e)(8) will include: safety plan development and site entry procedures, chemical hazards, biohazards, nature of radiation/radiation protection methods, selecting appropriate personal protective equipment (PPE), air monitoring, decontamination, and hazard communications.

Please ensure that you add your name to the sign-up list for this session event by:

- 1) selecting the online or paper registration form, or
- 2) contacting 888.301.0185 (toll free).

Instructors: Ecology and Environment, Inc.

8:30 a.m. - 11:30 a.m.

Tribal Conservation District Workshop

E/Space 2

Details: A 'how to' workshop for newly forming Conservation Districts and those interested in forming one. Tyonek Tribal Conservation District (TCD) and the Indian Nations Conservation Alliance will present their accomplishments and allow for a question and answer session. What is a Tribal Conservation District? How do they form? What can the U.S. Department of Agriculture do for my Tribe or ANCSA Corporation or the lands my people have subsisted on for thousands of years? How are TCDs different in Alaska from the TCDs in the rest of the United States?

Presenters: Angela Sandstol, Tyonek Tribal Conservation District; Dick Gooby, Indian Nations Conservation Alliance; and Crystal Leonetti, Natural Resources Conservation Service

8:30 a.m. - 4:30 p.m.

Oil Spill Recovery Institute Advisory Board Meeting Continued

D/K'enakatnu Executive Board Room

Details: Semi-annual meeting of the Advisory Board of the Cordova-based Oil Spill Recovery Institute (OSRI). Open to the public.

Moderator: Nancy Bird, OSRI Executive Director

Project WET - Native Waters Workshop

E/Space 3

Details: Project Wet - Native Waters is a wonderful source of water education. The lessons are interactive, and fun. Native Waters is dedicated to increasing knowledge of indigenous water resources, and intends to create contemporary, scientifically accurate, and culturally sensitive water education resource programs and networking opportunities for Tribal and non-Tribal educators. This workshop will teach PARTICIPANTS how to teach the lessons back home in their home community, and develop their confidence in teaching the lessons.

Moderator: Tami Seekins, Fairbanks Soil & Water Conservation District

Health and Safety at Municipal Solid Waste Landfills

E/Space 7&8

This course will educate the landfill operator in the proper safety protocols for operation of a municipal solid waste landfill. The material presented in this course will be a valuable asset to the landfill operator and will assist them in decision making for health and safety issues at solid waste disposal sites. This course is being offered free to all participants of the Alaska Forum on the Environment by the Alaska Chapter of the Solid Waste Association of North America.

Moderator: Greg Goodale, Matanuska Susitna Borough

Morning

February 6

FRIDAY

February 6

FRIDAY

9:00 a.m. - 11:45 a.m.

Training-the-Trainer: Teaching Logic Modeling & Work Plan Development & Performance Measurement

E/Space 4

Details: By Invitation Only. This is a CLOSED MEETING for Circuit Riders and Consortia Representatives.

Through instruction and hands on exercises, session participants will learn how to train others to develop logic models of their programs and projects. In addition, session participants will also learn how the logic model can be used in work plan development and to identify performance measures in response to EPA's Environmental Results Order 5700.7. As part of the training experience, participants will receive materials that will aid the trainer in course delivery including: training slides, complete with talking points, examples of logic models and work plans.

Presenters: Yvonne Watson, U.S. Environmental Protection Agency; Katherine Brown, U.S. Environmental Protection Agency
Moderator: Mahri Lowinger, U.S. Environmental Protection Agency

9:00 a.m. - 4:30 p.m.

Climate Change: Adaptation Advisory Group Meeting

Room 240 of the Atwood Building

Details: This 5th meeting of the Adaptation Advisory Group will be held in Room 240 of the Atwood Building, at 550 W. 7th Ave. An agenda will be posted on the State of Alaska's Climate Change website at: <http://climatechange.alaska.gov/>

For more info contact: Jackie Poston at jackie.poston@alaska.gov

9:30 a.m. - 10:30 a.m.

How to Use Film as a Community Conservation Tool

E/Space 9&10

Details: Tribes are using film as a medium for learning, sharing, and teaching environmental concepts in the community. This session will share techniques, tips, and specific examples of films created under the GAP Program.

Moderator: Cathy Villa, U.S. Environmental Protection Agency

9:30 a.m. - 12:00 p.m.

Alaska Marine Science and Fisheries Career Coalition Workshop

E/Space 5&6

Details: The Alaska Marine Science and Fisheries Career Coalition (AMSFCC) is a group of Alaska Native, university, agency, K-12 district staff, and other stakeholders whose mission is to advocate for education and employment of Alaska Natives and other rural Alaskans in the marine, ocean, and fisheries sciences. The work session is open to anyone interested in furthering the education and employment of Alaska Natives and other rural Alaskans in the marine, fisheries, and other natural sciences. In an informal setting, session participants will discuss ways promote and help more rural Alaskans pursue careers in the sciences.

Moderator: Deborah Hart, Alaska Department of Fish and Game

10:30 a.m. - 11:45 a.m.

General Assistance Programs: GIS Applications for Tribal Lands

E/Space 11&12

Details: Tribes are using GIS for a variety of applications to better create dialog and communications surrounding issues of concern in environmental protection. This session is to demonstrate the powerful tools available to those entities either planning or implementing a General Assistance Program.

Presenters: Chester Murphy, NRCS; Cathy Needham, Kasaan
Moderator: Wenona Wilson, U.S. Environmental Protection Agency

12:00 p.m. - 1:00 p.m.

LUNCH ON YOUR OWN

1:00 p.m. - 2:00 p.m.

General Assistance Program Breakout Sessions

D/Tikahtnu Ballroom

Details: Meet with your GAP Geographic Regional Representatives and Peers.

2:15 p.m. - 3:30 p.m.

Environmental Protection Agency General Assistance Program Closing Session: Talking Circle

D/Tikahtnu Ballroom

Details: IGAP Closing discussion, IGAP training evaluations, and RAFFLE!

Moderators: Cathy Villa, Adrienne Fleek, and Jennifer Brown, U.S. Environmental Protection Agency

Wednesday, February 4

8 a.m. - 11:45 a.m.

Statement of Cooperation Executive Steering Committee Meeting *D/K'enakatnu Executive Board Room*

Details: By invitation only. This session is a closed session of the steering committee.

2 p.m. - 5 p.m.

Exxon Valdez Oil Spill Public Advisory Committee Meeting *E/Board Room*

Details: An open meeting of the Public Advisory Committee to the Exxon Valdez Oil Spill Trustee Council. The committee will review the draft invitation for proposals for restoration in fiscal year 2010.

Facilitators: Doug Mutter, U.S. Department of the Interior, and Cheri Womac, Exxon Valdez Oil Spill Trustee Council Restoration Office

NOTES:

Thursday, February 5

8:30 a.m. - 11:30 a.m.

Coastal America Alaska Regional Implementation Team Meeting *D/K'enakatnu Executive Board Room*

Details: This is the annual meeting of the Coastal America Alaska Regional Implementation Team and Regional Principals. The agenda will include status reports on endorsed coastal enhancement, restoration, and conservation projects; and a discussion of future partnership activities. Reports will also be given on the programs of the Alaska SeaLife Center and the Corporate Wetlands Restoration Partnership.

Co-Chairs: Jon Kurland, National Marine Fisheries Service and Doug Mutter, U.S. Department of the Interior

2 p.m. - 5 p.m.

Oil Spill Recovery Institute Advisory Board Meeting *D/K'enakatnu Executive Board Room*

Details: Semi-annual meeting of the Advisory Board of the Cordova-based Oil Spill Recovery Institute (OSRI). This session is open to the public.

Moderator: Nancy Bird, OSRI Executive Director

2 p.m. - 5 p.m.

Amchitka Stakeholder Meeting *E/Executive Conference Room*

Ancillary Events

NOTES:

ARCTIC ISSUES

Monday, February 2

3:30 p.m. - 4:45 p.m.

- ☐ Arctic Transportation: Central Hubs and Future Infrastructure *E/Space 2*

Tuesday, February 3

10:45 a.m. - 11:45 a.m.

- ☐ Arctic Marine Ecosystem Changes *E/Space 13&14*
- ☐ The Status and Trends of Ice Seals in Alaska *E/Space 11&12*
- ☐ Program Review of ConocoPhillips North Slope Environmental Studies *E/Space 2*

2:00 p.m. - 3:15 p.m.

- ☐ Walrus and Polar Bear - What Next? (Part 1 of 2) *E/Space 2*

3:30 p.m. - 4:45 p.m.

- ☐ Future Cruise Ship Tourism and Potential Impacts on Rural Alaska *E/Space 11&12*
- ☐ Walrus and Polar Bear - What Next? (Part 2 of 2) *E/Space 2*

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Maritime Operations in the Arctic *E/Space 7&8*
- ☐ Unlocking Heavy Oil Reserves in Alaska's North Slope *E/Space 11&12*

10:45 a.m. - 11:45 a.m.

- ☐ Erosion Impacts on Alaskan Communities *E/Space 7&8*

2 p.m. - 3:15 p.m.

- ☐ Trends in Arctic Mining: Assessing Data for Monitoring Social Indicators *E/Space 7&8*

3:30 p.m. - 4:45 p.m.

- ☐ Arctic Port and Shipping Infrastructure *E/Space 7&8*

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Arctic Oil Spill Response *E/Space 2*
- ☐ Fate and Transport of Petroleum Spills in Arctic Soils and Gravel Pads *E/Space 11&12*

10:45 a.m. - 11:45 a.m.

- ☐ Arctic Development: A Future Vision and A Way Forward *E/Space 2*

CLEAN UP & REMEDIATION

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Brownfields: Federal Resources for Addressing Contaminated Sites *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Alaska's Brownfields Program and Current Projects *E/Space 13&14*
- ☐ Fort Richardson Environmental Restoration: Case Study of the Military Effort to Bring Back Waterfowl and Other Wildlife *E/Space 4*

3:30 p.m. - 4:45 p.m.

- ☐ Tribal Brownfields Grant Programs in Alaska *E/Space 13&14*
- ☐ Federal Restoration Status: Progress and Challenges of Federal Facility Environmental Restoration Efforts *E/Space 4*

CLEAN UP & REMEDIATION (continued)

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Responses to Hazard Discovery *E/Space 4*

10:45 a.m. - 11:45 a.m.

- ☐ Contaminated Sites: Cleanup, Closure, and Finding Out More *E/Space 1*

Wednesday, February 4

10:30 a.m. - 11:45 a.m.

- ☐ Survey of Environmental Crimes in Alaska *E/Space 1*

10:45 a.m. - 11:45 a.m.

- ☐ Guidance on Investigating Vapor Intrusion at Contaminated Sites *E/Space 3*

2 p.m. - 3:15 p.m.

- ☐ The Impact of Dump Site Contaminants on Rural Populations: What is Known and Not Known *E/Space 13&14*
- ☐ Community Solutions to Backhauling Old Tank Farms *E/Space 3*
- ☐ In-Situ Treatment for Chlorinated Organics *E/Space 6*

3:30 p.m. - 4:45 p.m.

- ☐ Amchitka Island Nuclear Test Site Monitoring Program Update *E/Space 13&14*
- ☐ Treatment of PCBs and Other Recalcitrant Organic Compounds *E/Space 6*

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Military Munitions Response Program: Program Overview - State of Alaska Perspective (Part 1 of 2) *E/Space 4*
- ☐ Fate and Transport of Petroleum Spills in Arctic Soils and Gravel Pads *E/Space 11&12*

10:45 a.m. - 11:45 a.m.

- ☐ Military Munitions Response Program: Program Overview - State of Alaska Perspective (Part 2 of 2) *E/Space 4*
- ☐ Using the Ultra-Violet Optical Screening Tool System Technology for Rapid Field Screening of Petroleum Contamination in Soil *E/Space 11&12*

2 p.m. - 3:15 p.m.

- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 1 of 2) *E/Space 4*
- ☐ Multi-Incremental Soil Sampling: When or When Not to Use It *E/Space 11&12*

3:30 p.m. - 4:45 p.m.

- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 1 of 2) *E/Space 4*

Agenda by Subject

CLIMATE CHANGE

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Climate Change in Alaska: Recent Developments
E/Arteaga Room

2 p.m. - 3:15 p.m.

- ☐ Climate Change in Alaska: Reducing Emissions in the Energy Supply and Demand Sector *E/Arteaga Room*

3:30 p.m. - 4:45 p.m.

- ☐ Climate Change in Alaska: Mitigating Impacts from the Oil and Gas Industry *E/Arteaga Room*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Climate Change in Alaska: Reducing Emissions in the Transportation & Land Use Sector *E/Arteaga Room*

10:45 a.m. - 11:45 a.m.

- ☐ Climate Change in Alaska: Reducing Emissions from Forestry, Agriculture, and Waste *E/Arteaga Room*

2 p.m. - 3:15 p.m.

- ☐ Climate Change in Alaska: Building Resiliency into our Future (Part 1 of 2) *E/Arteaga Room*

3:30 p.m. - 4:45 p.m.

- ☐ Climate Change in Alaska: Building Resiliency into our Future (Part 2 of 2) *E/Arteaga Room*

Wednesday, February 4

9 a.m. - 12 a.m.

- ☐ Climate Change Sessions by The Alaska Municipal League (Day 1 of 2) *D/Tubughnenq' Breakout Room 3*

9:30 a.m. - 10:30 a.m.

- ☐ Climate Change in Alaska: Building Resiliency - Health & Culture *E/Arteaga Room*

10:45 a.m. - 11:45 a.m.

- ☐ Climate Change in Alaska: Wildlife and Other Natural Systems *E/Arteaga Room*

2 p.m. - 3:15 p.m.

- ☐ Climate Change in Alaska: Infrastructure - Our Built Environment *E/Arteaga Room*

3:30 p.m. - 4:45 p.m.

- ☐ Climate Change in Alaska: Discussion - Pulling it All Together *E/Arteaga Room*

Thursday, February 5

8 a.m. - 4:45 p.m.

- ☐ Climate Change: Research Coordination Workshop
D/Tubughnenq' Breakout Room 4&5

8 a.m. - 12 p.m.

- ☐ Climate Change Sessions by The Alaska Municipal League (Day 2 of 2) *D/Tubughnenq' Breakout Room 3*

8 a.m. - 4 p.m.

- ☐ Climate Change - Mitigation Advisory Group Meeting
Atwood Building

CONTAMINANTS & HUMAN HEALTH

Monday, February 2

3:30 p.m. - 4:45 p.m.

- ☐ Using Health Assessments to Understand Contaminant Impacts in Your Community *E/Cook Room*

Tuesday, February 3

2 p.m. - 3:15 p.m.

- ☐ Children Run Better Unleaded *E/Space 13&14*

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Contaminant Research in Alaskan subsistence species and Coastal Waters *E/LaPerouse Room*

10:45 a.m. - 11:45 a.m.

- ☐ Community Focused Contaminant Monitoring Projects
E/LaPerouse Room
- ☐ The Role of Tribal Community and Academic Partnerships in Investigating Environmental Health Concerns in Alaska
E/Space 11&12

2 p.m. - 3:15 p.m.

- ☐ Research and Monitoring of Contaminants in our National Parks
E/LaPerouse Room
- ☐ The Impact of Dump Site Contaminants on Rural Populations: What is Known and Not Known *E/Space 13&14*

3:30 p.m. - 4:45 p.m.

- ☐ Contaminant Monitoring Strategy Discussion *E/LaPerouse Room*

Thursday, February 5

2 p.m. - 3:15 p.m.

- ☐ Environmental Health and Justice: Bringing Together Isolated Communities to Reduce Harmful Environmental Exposures from Formerly Used Defense Sites and Global Transport
E/Space 9&10

DENALI COMMISSION

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Investing in Rural Infrastructure (Part 1 of 2) *E/Space 9&10*

10:45 a.m. - 11:45 a.m.

- ☐ Investing in Rural Infrastructure (Part 2 of 2) *E/Space 9&10*

2 p.m. - 3:15 p.m.

- ☐ Community Solutions to Backhauling Old Tank Farms *E/Space 3*

ENERGY

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Geothermal Potential in Alaska *E/Space 9&10*

2 p.m. - 3:15 p.m.

- ☐ Integrated Energy Systems in Alaska *E/Space 6*

3:30 p.m. - 4:45 p.m.

- ☐ Electric Vehicle Technology *E/Space 9&10*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Electricity from Alaska's Rivers - Instream Hydrokinetic Technologies Compared to Traditional Hydro *E/Space 9&10*
- ☐ Polar Bears in the North Slope Oil Fields: Preliminary Data and Potential Mitigation Measures to Reduce Bear-Human Interactions *E/Space 2*

10:45 a.m. - 11:45 a.m.

- ☐ Wind Power Developments in Alaska: Challenges and Successes *E/Space 9&10*
- ☐ Program Review of ConocoPhillips North Slope Environmental Studies *E/Space 2*

2 p.m. - 3:15 p.m.

- ☐ The Denali Alaska Gas Pipeline - Major Environmental Issues and Challenges *E/Space 11&12*
- ☐ Coal Development in Alaska *E/Space 9&10*

3:30 p.m. - 4:45 p.m.

- ☐ TransCanada's Alaska Pipeline Project: The Engineering and Environmental Partnership Approach *E/Space 1*
- ☐ Alaska Ocean Energy Potential *E/Space 9&10*

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Unlocking Heavy Oil Reserves on Alaska's North Slope

10:45 a.m. - 11:45 a.m.

- ☐ Biomass: A New Look at a Traditional Energy Source

2 p.m. - 3:15 p.m.

- ☐ Carbon Trading Laboratory

3:30 p.m. - 4:45 p.m.

- ☐ Carbon Trading Laboratory (Continued)

ENVIRONMENTAL EDUCATION & OUTREACH

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ The Reserved Warrior *E/Space 11&12*

2 p.m. - 3:15 p.m.

- ☐ Making a Difference: Involving Local and Traditional Knowledge in Resource Management *E/Space 11&12*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Community Forums: Discussing Natural Resource Management with your Neighbors (Part 1 of 2) *E/Space 7&8*

10:45 a.m. - 11:45 a.m.

- ☐ Community Forums: Discussing Natural Resource Management with your Neighbors (Part 2 of 2) *E/Space 7&8*

2 p.m. - 3:15 p.m.

- ☐ Green Infrastructure and Green Building: Putting Ideas Into Practice - How Can We Do More? *E/Space 3*

3:30 p.m. - 4:45 p.m.

- ☐ Green Infrastructure and Green Building: What's In It For Me? *E/Space 3*
- ☐ The Rebel Pebbles: How Youth in Dillingham Organized Around an Environmental Issue *E/Space 6*

Wednesday, February 4

2 p.m. - 3:15 p.m.

- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 1 of 2) *E/Space 11&12*

3:30 p.m. - 4:45 p.m.

- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 2 of 2) *E/Space 11&12*

Thursday, February 5

10:45 a.m. - 11:45 a.m.

- ☐ Are Kids Connecting to Nature? *E/Space 9&10*

2 p.m. - 3:15 p.m.

- ☐ Science Training and Education Programs for Alaska Natives and Rural Alaskans: K-12 and Pre-college Recruitment (Part 1 of 2) *E/Space 6*

3:30 p.m. - 4:45 p.m.

- ☐ Science Training and Education Programs for Alaska Natives and Rural Alaskans: Post-Secondary Education (Part 2 of 2) *E/Space 6*

Friday, February 6

8:30 a.m. - 4:30 p.m.

- ☐ Project WET - Native Waters Workshop *E/Space 3*

9:30 a.m. - 12 p.m.

- ☐ Alaska Marine Science and Fisheries Career Coalition Workshop *E/Space 5&6*

Agenda by Subject

Agenda by Subject

ENVIRONMENTAL JUSTICE

Monday, February 2

3:30 p.m. - 4:45 p.m.

- ☐ Participatory Process in the Alaska Pollutant Discharge Elimination System: Optimizing Community Input *E/Space 7&8*

Wednesday, February 4

10:45 a.m. - 11:45 a.m.

- ☐ The Role of Tribal Community and Academic Partnerships in Investigating Environmental Health Concerns in Alaska *E/Space 11&12*

2 p.m. - 3:15 p.m.

- ☐ The Impact of Dump Site Contaminants on Rural Populations: What is Known and Not Known *E/Space 13&14*

ENVIRONMENTAL REGULATIONS

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Brownfields: Federal Resources for Addressing Contaminated Sites *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Alaska's Brownfields Program and Current Projects *E/Space 13&14*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Mitigation Measures: What are they? Why do we need them? *E/Space 6*

10:45 a.m. - 11:45 a.m.

- ☐ Contaminated Sites: Cleanup, Closure, and Finding Out More *E/Space 1*

2 p.m. - 3:15 p.m.

- ☐ Children Run Better Unleaded *E/Space 13&14*

Wednesday, February 4

3:30 p.m. - 4:45 p.m.

- ☐ Cruise Ship Regulations: My How They have Changed! *E/Space 3*

EXXON VALDEZ OIL SPILL

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ 20 Years After the Exxon Valdez Oil Spill, Initial Impacts and Killer Whales *E/LaPerouse Room*

2 p.m. - 3:15 p.m.

- ☐ Oil Remains: 20 Years After the Exxon Valdez Oil Spill *E/LaPerouse Room*

3:30 p.m. - 4:45 p.m.

- ☐ Sea Otters, Herring, and the Future of Restoration - 20 Years After the Exxon Valdez Oil Spill *E/LaPerouse Room*

EXXON VALDEZ OIL SPILL (continued)

Tuesday, February 3

2 p.m. - 3:15 p.m.

- ☐ Oil Spill Prevention and Response (Part 1 of 2) *E/LaPerouse Room*

3:30 p.m. - 4:45 p.m.

- ☐ Oil Spill Prevention and Response, (Part 2 of 2) *E/LaPerouse Room*

Wednesday, February 4

9:30 a.m. - 11:45 a.m.

- ☐ Transforming the Human Community: Connecting Conversations for Peer Listener Networks *E/Space 6*

Thursday, February 5

2 p.m. - 4:45 p.m.

- ☐ Transforming the Human Community: Connecting Conversations for Peer Listener Networks *E/Space 7&8*

FEDERAL GOVERNMENT ISSUES

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ National Guard Response to Community Needs *E/Space 4*
- ☐ Brownfields: Federal Resources for Addressing Contaminated Sites *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Fort Richardson Environmental Restoration: Case Study of the Military Effort to Bring Back Waterfowl and Other Wildlife *E/Space 4*

3:30 p.m. - 4:45 p.m.

- ☐ Federal Restoration Status: Progress and Challenges of Federal Facility Environmental Restoration Efforts *E/Space 4*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Responses to Hazard Discovery *E/Space 4*
- ☐ Mitigation Measures: What are they? Why do we need them? *E/Space 6*

10:45 a.m. - 11:45 a.m.

- ☐ Public Use of Federal Property: Opportunities for the Use of Military Land for Hiking, Hunting, Recreation, etc. *E/Space 4*

2 p.m. - 3:15 p.m.

- ☐ Cultural Resources: Cultural Resource Management and You. Tools for Citizens (Part 1 of 2) *E/Space 4*

3:30 p.m. - 4:45 p.m.

- ☐ Cultural Resources: Cultural Resource Management and You. Tools for Citizens (Part 2 of 2) *E/Space 4*

FEDERAL GOVERNMENT ISSUES (cont.)

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Government Mandates for Sustainability: Summary of Executive Orders, Laws, etc., that Create a more Sustainable Federal Government *E/Space 4*

10:45 a.m. - 11:45 a.m.

- ☐ Low-Impact Development: Beyond Compliance Design Practices to Reduce Environmental Impact and Energy Use *E/Space 4*

2 p.m. - 3:15 p.m.

- ☐ Climate Change Response Action: Summary of Federal Strategies to Tackle Climate Change *E/Space 4*

3:30 p.m. - 4:45 p.m.

- ☐ Living Marine Resources: Federal Government Efforts to Preserve the Marine Environment *E/Space 4*

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Military Munitions Response Program: Program Overview - State of Alaska Perspective (Part 1 of 2) *E/Space 4*
- ☐ Arctic Oil Spill Response *E/Space 2*
- ☐ Grants.gov: An Online Resource and Application Portal for Federal Grants *E/Space 1*

10:45 a.m. - 11:45 a.m.

- ☐ Military Munitions Response Program: Quality Assurance at Munition Response Sites (Part 2 of 2) *E/Space 4*

2 p.m. - 3:15 p.m.

- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 1 of 2) *E/Space 4*

3:30 p.m. - 4:45 p.m.

- ☐ Federal Facility Remediation Roundtable: Open Discussion on Remedial Cleanup Projects (Part 2 of 2) *E/Space 4*
- ☐ General Assistance Programs: Secrets, Tools, and Resources to a Clean Audit for Federal Grants *E/Space 1*

FILM FESTIVAL

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Film Festival: Opening Film - Youth and the Environment *E/Space 5*

2 p.m. - 3:15 p.m.

- ☐ Film Festival: Ecosystem/Preserving the Environment *E/Space 5*

3:30 p.m. - 4:45 p.m.

- ☐ Film Festival: Non-indigenous Species, Youth and the Environment, Education *E/Space 5*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Film Festival: Ecosystem/Preserving the Environment *E/Space 5*

10:45 a.m. - 11:45 a.m.

- ☐ Film Festival: Non-indigenous Species *E/Space 5*

2 p.m. - 3:15 p.m.

- ☐ Film Festival: Education *E/Space 5*

3:30 p.m. - 4:45 p.m.

- ☐ Film Festival: Non-indigenous Species *E/Space 5*

FILM FESTIVAL (continued)

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Film Festival: Ecosystem/Preserving the Environment, Solid Waste/Recycling *E/Space 5*

10:45 a.m. - 11:45 a.m.

- ☐ Film Festival: Non-indigenous Species *E/Space 5*

2 p.m. - 3:15 p.m.

- ☐ Film Festival: Solid Waste/Recycling *E/Space 5*

3:30 p.m. - 4:45 p.m.

- ☐ Film Festival: Education *E/Space 5*

FISH, WILDLIFE & HABITAT

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ 20 Years After the Exxon Valdez Oil Spill, Initial Impacts and Killer Whales *E/LaPerouse Room*

2 p.m. - 3:15 p.m.

- ☐ Fort Richardson Environmental Restoration: Case Study of the Military Effort to Bring Back Waterfowl and Other Wildlife *E/Space 4*

- ☐ Alaska Monitoring and Assessment Program for Coastal and Freshwater Resources *E/Space 2*

3:30 p.m. - 4:45 p.m.

- ☐ Sea Otters, Herring, and the Future of Restoration - 20 Years After the Exxon Valdez Oil Spill *E/Space LaPerouse Room*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Helping People Help the Land *E/Space 11&12*
- ☐ Mitigation Measures: What are they? Why do we need them? *E/Space 6*

- ☐ Polar Bears in the North Slope Oil Fields: Preliminary Data and Potential Mitigation Measures to Reduce Bear-Human Interactions *E/Space 2*

10:45 a.m. - 11:45 a.m.

- ☐ The Status and Trends of Ice Seals in Alaska *E/Space 11&12*
- ☐ Arctic Marine Ecosystems Changes *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Walrus and Polar Bear - What Next? (Part 1 of 2) *E/Space 2*

3:30 p.m. - 4:45 p.m.

- ☐ Walrus and Polar Bear - What Next? (Part 2 of 2) *E/Space 2*

FISH, WILDLIFE & HABITAT (continued)

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Rural Issues: Traditional Ecological Knowledge and Habitat Conservation *E/Space 1*
- ☐ Contaminant Research in Alaskan Subsistence Species and Coastal Waters *E/LaPerouse Room*

10:45 a.m. - 11:45 a.m.

- ☐ Carbon Catchers, Chemistry & Climate: Changes to our Streams *E/Board Room*
- ☐ Climate Change in Alaska: Wildlife and Other Natural Systems *E/Arteaga Room*

2 p.m. - 3:15 p.m.

- ☐ Mysterious Demise of an Ice Age Relic *E/Space 1*

3:30 p.m. - 4:45 p.m.

- ☐ Living Marine Resources: Federal Government Efforts to Preserve the Marine Environment *E/Space 4*

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Indigenous People's Council for Marine Mammals *E/Space 9&10*
- ☐ Predator Control: What's the Justification? (Part 1 of 2) *E/Space 3*

10:45 a.m. - 11:45 a.m.

- ☐ Predator Control - What's the Biology? (Part 2 of 2) *E/Space 3*
- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 1 of 2) *E/Space 1*

2 p.m. - 3:15 p.m.

- ☐ Marine Debris Cleanup Along Alaska's Coasts (Part 1 of 2) *E/Space 2*
- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 2 of 2) *E/Space 1*

3:30 p.m. - 4:45 p.m.

- ☐ Marine Debris Cleanup Along Alaska's Coasts (Part 2 of 2) *E/Space 2*

Friday, February 6

8:30 a.m. - 11:30 a.m.

- ☐ Tribal Conservation District Workshop *E/Space 2*

GENERAL ASSISTANCE PROGRAM

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Tribal Baseline Water Quality Monitoring for General Assistance Programs *E/Cook Room*
- ☐ Opportunities for Peer Grants Management Assistance: Alaska General Assistance Program Circuit Rider and Peer Assistance Projects *E/Space 1*

2 p.m. - 3:15 p.m.

- ☐ General Assistance Program Online For Trainers: Circuit Riders and Peer Assistance Providers *E/Space 1*
- ☐ General Assistance Program Grant Negotiations: Your Questions Answered *E/Cook Room*

3:30 p.m. - 4:45 p.m.

- ☐ General Assistance Program Online (Will be Repeated) *E/Space 1*
- ☐ Using Health Assessments to Understand Contaminant Impacts in Your Community *E/Cook Room*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ General Assistance Program Online: (Repeated) *E/Space 1*
- ☐ Environmental Protection Agency Tribal Operations Committee: You Can Make a Difference! *E/Cook Room*

10:45 a.m. - 11:45 a.m.

- ☐ EPA Tribal Consultation Procedures: Closed Session for Tribal Leaders *E/Cook Room*

2 p.m. - 3:15 p.m.

- ☐ Weaving Culture and Language into Tribal Environmental Program Development *E/Cook Room*

3:30 p.m. - 4:45 p.m.

- ☐ EPA Communications Protocols: North Slope Community Case Study *E/Cook Room*
- ☐ Local to Global: Community Based Projects of International Scope *E/Space 13&14*

Wednesday, February 4

8:45 a.m. - 11:45 a.m.

- ☐ Alaska Tribal Multi-Media Small Demonstration Projects: Innovative Projects that Make Sense *D/Tubughnenq' Breakout Room 4*

9:30 a.m. - 10:30 a.m.

- ☐ Keeping Ahead of the Curve: General Assistance Program Grants Management Changes and Developments for New Recipients *E/Cook Room*
- ☐ Mining Fundamentals: An Introduction (Part 1 of 4) *E/Space 2*

9:30 a.m. - 4:45 p.m.

- ☐ Picture Exhibition: Before and After Community Abandoned Drum Clean Up Projects *E/Cook Room*

10:30 a.m. - 11:45 a.m.

- ☐ Survey of Environmental Crimes in Alaska *E/Space 1*

10:45 a.m. - 11:45 a.m.

- ☐ Mining 101: Environmental Issues (Part 2 of 4) *E/Space 2*
- ☐ General Assistance Programs: Briefing Tribal Councils on Environmental Program Developments *E/Cook Room*

2 p.m. - 3:15 p.m.

- ☐ Mining Regulatory Framework (Part 3 of 4) *E/Space 2*

3:30 p.m. - 4:45 p.m.

- ☐ Mining and Tribal Involvement (Part 4 of 4) *E/Space 2*

GENERAL ASSISTANCE PROGRAM (cont.)

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Implementing the Alaska Pollution Discharge Elimination System *E/Cook Room*
- ☐ Meet with an Environmental Protection Agency General Assistance Program Project Officer and Ask Questions *E/Space 13&14*
- ☐ Grants.gov: An Online Resource and Application Portal for Federal Grants *E/Space 1*

10:45 a.m. - 11:45 a.m.

- ☐ Alaska Natives and Climate Change Talking Session: A Traditional Discussion of a Modern Problem *E/Cook Room*
- ☐ Banning Plastic Bags and Styrofoam in Village Alaska *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Two Topics, One Place: Brownfields Tribal Response Program Grants and Emergency Response Planning for Villages *E/Space 13&14*
- ☐ Climate Change: Tribal Perspectives *E/Cook Room*

3:30 p.m. - 4:45 p.m.

- ☐ Logic Modeling & Performance Measurement: Learning to Tell Your Performance Story *E/Space 9&10*
- ☐ Opportunities for Environmental Education and Stewardship through Indian General Assistance Programs *E/Cook Room*
- ☐ General Assistance Programs: Secrets, Tools, and Resources to a Clean Audit for Federal Grants *E/Space 1*

Friday, February 6

9 a.m. - 11:45 a.m.

- ☐ Training-the-Trainer: Teaching Logic Modeling & Work Plan Development & Performance Measurement *E/Space 4*

9:30 a.m. - 10:30 a.m.

- ☐ How to use Film as a Community Conservation Tool *E/Space 9&10*

10:30 a.m. - 11:45 a.m.

- ☐ General Assistance Programs: GIS Applications for Tribal Lands *E/Space 11&12*

1 p.m. - 2 p.m.

- ☐ General Assistance Program Breakout Sessions *D/Tikahtnu Ballroom*

2:15 p.m. - 3:30 p.m.

- ☐ Environmental Protection Agency General Assistance Program *D/Tikahtnu Ballroom*

GREEN BUILDING / GREEN INFRASTRUCTURE

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Green Infrastructure and Green Building: An Overview *E/Space 3*

2 p.m. - 3:15 p.m.

- ☐ Green Infrastructure in Alaska: Recent Activities and Accomplishments *E/Space 3*

3:30 p.m. - 4:45 p.m.

- ☐ Green Building: What Is It and How Is It Being Applied in Alaska? *E/Space 3*

Tuesday, February 3

9:30 a.m. - 10:30 a.m.

- ☐ Green Building in Alaska's Urban Environment *E/Space 3*

10:45 a.m. - 11:45 a.m.

- ☐ Green Building in Alaska's Rural Environment *E/Space 3*

2 p.m. - 3:15 p.m.

- ☐ Green Infrastructure and Green Building: Putting Ideas Into Practice - How Can We Do More? *E/Space 3*

3:30 p.m. - 4:45 p.m.

- ☐ Green Infrastructure and Green Building: What's In It For Me? *E/Space 3*

NATIONAL ENVIRONMENTAL POLICY ACT

Monday, February 2

3:30 p.m. - 4:45 p.m.

- ☐ Handling Climate Change Issues in National Environmental Policy Act Documents *E/Space 6*

Tuesday, February 3

10:45 a.m. - 11:45 a.m.

- ☐ Making the National Environmental Policy Act work for Rural Alaskans *E/Space 6*

2 p.m. - 3:15 p.m.

- ☐ Public Health and the National Environmental Policy Act Process *E/Space 6*

3:30 p.m. - 4:45 p.m.

- ☐ Health Impact Assessment and Natural Resource Development Permitting in Alaska: An Update on the Current Status and Future Directions *E/Board Room*

RURAL ISSUES

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Rural Issues: Dump Site Erosion Impacts and Case Studies - Nightmute and Kwigillingok *E/Space 7&8*

10:30 a.m. - 11:45 a.m.

- ☐ Rural Issues: Tribal Activities in Air Quality *E/Space 6*

2 p.m. - 3:15 p.m.

- ☐ Rural Issues: Addressing the Environmental Impact of Rural Schools *E/Space 7&8*

Tuesday, February 3

10:45 a.m. - 11:45 a.m.

- ☐ Green Building in Alaska's Rural Environment *E/Space 3*

2 p.m. - 3:15 p.m.

- ☐ Rural Issues: Honeybuckets - A Process for Improving Human Waste Disposal Practice in Rural Alaska *E/Space 7&8*

3:30 p.m. - 4:45 p.m.

- ☐ Rural Issues: The Impact of Construction and Demolition Waste on Rural Dump Sites *E/Space 7&8*

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Rural Issues: Traditional Ecological Knowledge and Habitat Conservation *E/Space 1*

SCIENCE & TECHNOLOGY

Wednesday, February 4

2 p.m. - 3:15 p.m.

- ☐ In-Situ Treatment for Chlorinated Organics *E/Space 6*

3:30 p.m. - 4:45 p.m.

- ☐ Treatment of PCBs and Other Recalcitrant Organic Compounds *E/Space 6*

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Fate and Transport of Petroleum Spills in Arctic Soils and Gravel Pads *E/Space 11&12*

10:45 a.m. - 11:45 a.m.

- ☐ Using the Ultra-Violet Optical Screening Tool System Technology for Rapid Field Screening of Petroleum Contamination in Soil *E/Space 11&12*

2 p.m. - 3:15 p.m.

- ☐ Multi-Incremental Soil Sampling: When or When Not to Use It *E/Space 11&12*

SOLID WASTE & RECYCLING

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Landfill Leachate Recirculation Projects *E/Space 2*

2 p.m. - 3:15 p.m.

- ☐ University of Alaska Anchorage: Doctorate Program Presentation *E/Space 9&10*

3:30 p.m. - 4:45 p.m.

- ☐ Recycling Roundtable *E/Space 11&12*

Wednesday, February 4

2 p.m. - 3:15 p.m.

- ☐ Community Solutions to Backhauling Old Tank Farms *E/Space 3*

SOLID WASTE & RECYCLING (continued)

Thursday, February 5

9:30 a.m. - 10:30 a.m.

- ☐ Solid Waste Projects in Rural Alaska *E/Space 7&8*

10:45 a.m. - 11:45 a.m.

- ☐ Composting Programs Around Alaska *E/Space 7&8*

- ☐ Banning Plastic Bags and Styrofoam in Village Alaska *E/Space 13&14*

2 p.m. - 3:15 p.m.

- ☐ Statewide Solid Waste Workgroup Meeting *E/Space 3*

3:30 p.m. - 4:45 p.m.

- ☐ Tribal Solid and Hazardous Waste Roundtable *E/Space 3*

SUBSISTENCE

Monday, February 2

10:30 a.m. - 11:45 a.m.

- ☐ Rural Issues: Dumpsite Erosion Impacts and Case Studies - Nightmute and Kwigillingok *E/Space 7&8*

- ☐ The Reserved Warrior *E/Space 11&12*

2:00 p.m. - 3:15 p.m.

- ☐ Making a Difference: Involving Local and Traditional Knowledge in Resource Management *E/Space 11&12*

Tuesday, February 3

10:45 a.m. - 11:45 a.m.

- ☐ Arctic Marine Ecosystem Changes *E/Space 13&14*

- ☐ Community Forums: Discussing Natural Resource Management with your Neighbors (Part 2 of 2) *E/Space 7&8*

2:00 p.m. - 3:15 p.m.

- ☐ Rural Issues: Honeybuckets - A Process for Improving Human Waste Disposal Practice in Rural Alaska *E/Space 7&8*

Wednesday, February 4

9:30 a.m. - 10:30 a.m.

- ☐ Tribal Subsistence Assessment Projects (Part 1 of 2) *E/Space 13&14*

- ☐ Contaminant Research in Alaskan subsistence species and Coastal Waters *E/LaPerouse Room*

10:45 a.m. - 11:45 a.m.

- ☐ Tribal Subsistence Assessment Projects (Part 2 of 2) *E/Space 13&14*

- ☐ Community Focused Contaminant Monitoring Projects *E/LaPerouse Room*

2:00 p.m. - 3:15 p.m.

- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 1 of 2) *E/Space 11&12*

3:30 p.m. - 4:45 p.m.

- ☐ Tribal Natural Resource Programs: A Pathway to Meaningful Involvement in Natural Resource Management (Part 2 of 2) *E/Space 11&12*

Thursday, February 5

10:45 a.m. - 11:45 a.m.

- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 1 of 2) *E/Space 1*

2:00 p.m. - 3:15 p.m.

- ☐ Local Community Involvement: The Marine Mammals Protection Act and the Endangered Species Act (Part 2 of 2) *E/Space 1*

Executive Office of the President
 Department of Agriculture
 Department of Commerce
 Department of Defense
 Department of Energy
 Department of Health & Human Services
 Department of Homeland Security
 Department of Housing & Urban
 Development



Department of the Interior
 Department of Justice
 Department of Labor
 Department of State
 Department of Transportation
 Environmental Protection Agency
 National Aeronautics & Space Administration
 National Science Foundation

The Coastal America Partnership is pleased to recognize the Alaska SeaLife Center's Sea Train Initiative for their efforts to educate students about America's Coastal Heritage

The Sea Train is a partnership with the Alaska SeaLife Center (a Coastal Ecosystem Learning Center), the Anchorage School District (which serves roughly half the state's population), the Alaska Railroad Corporation, the U.S. Forest Service (USFS), and the National Park Service (NPS); and is supported in part by the Carol Treadwell Memorial Fund.

The primary goal of the Sea Train program is to provide Anchorage fifth grade students with a hands-on science education experience and to spark a love of science. The Sea Train project combines the resources of federal agencies, the local School District, the private sector and the Alaska SeaLife Center. Together these groups provide the future generation with an educational program that advances traditional science studies to take into account energy, ecosystems, and transportation issues. The Sea Train program helps students better understand the need for protection, preservation, and restoration of coastal environments. The excursion takes students along the Turnagain Arm coastline and through the Kenai Mountains to the deep water port at Seward, offering students a first-hand view of coastal habitats and wildlife, anadromous streams, coastal marshes, and an active tidal arm of Cook Inlet.

The Sea Train program allows each partner to achieve separate but complementary goals. One of the Anchorage School Board's ongoing goals is to "establish an effective learning environment by collaborating with other community agencies to maximize opportunities for lifelong learning." The Anchorage School District also can meet new science requirements by using student journals to assess learning. The Alaska Railroad Corporation promotes its passenger services and achieves community service goals by deeply discounting charter rates for the program. The Alaska SeaLife Center will build connections with Alaska's largest population base as it meets strategic objectives, especially in awareness-building and science outreach. Both the NPS and USFS achieve their education and outreach goals by providing information on areas and resources they manage.

The Sea Train program was conceived of as a way to provide a science-based field learning experience for Anchorage students, using Alaska Railroad cars as unique mobile classrooms. The Sea Train program connects energy concepts with ecosystem information to broaden student experience, knowledge, and perspectives. Classes on board explore energy themes as students travel between Anchorage and the Alaska SeaLife Center in Seward on the Alaska Railroad.

The curriculum and activities draw on resources of the Alaska SeaLife Center and landmarks along the way to Seward to encourage interactive examination of how marine animals use and conserve energy, the energy generated by tides, and the use of fuel for transportation, among other topics. The program features a full day of interdisciplinary activities designed to supplement the Anchorage School District's fifth grade science curriculum, with 4.5 hours one way on the train, 1.5 hours at the Alaska SeaLife Center, and 2.5 hours one way on school buses. Pre- and post-visit classroom lessons reinforce the day's concepts and experiences. The Sea Train is endorsed by Anchorage educators and enthusiastically supported by fifth grade youth as a unique and valuable experience.

Coastal America congratulates the following individuals and organizations for their work on the Alaska SeaLife Center's Sea Train Initiative

SPIRIT AWARD PLAQUE

Ian Dutton, Executive Director, Alaska SeaLife Center

FEDERAL PARTNERS

United States Forest Service

Stephanie Israel

National Park Service

Peter Armato

LOCAL GOVERNMENT PARTNERS

Anchorage School District

Carol Comeau

Trisha Herminghaus

Joanna Hubbard

Patricia McRae

Enid Silverstein

Texas Gail Raymond

NON-GOVERNMENTAL PARTNERS

Alaska SeaLife Center

Tylan Schrock

Ron Goertz

Darin Trobaugh

Amy Haddow

Dana Sitzler

Tim Dillon

Carol Treadwell Memorial Fund

Mead Treadwell

Alaska Railroad

Pat Gamble

Jeff Johnson

Sarah Streiffert

Attention Landfill Operators & Administrators



Alaska Forum, Inc. announces the 2009 Spring RALO Schedule

Rural Alaska Landfill Operator (RALO) Trainings

St. Mary's	March 24-27, 2009
Valdez	April 21-23, 2009
Kodiak	May 5-8, 2009
Kotzebue	June 2-5, 2009

COURSE DESCRIPTION: The Rural Alaska Landfill Operator (RALO) course is for the designated landfill operator and administrator in a village with a Class III landfill or open dump, and focuses on the duties of the landfill operator, their personal safety, and the safety of the village.

Emphasis is placed on the importance of the landfill operator's role to keep the village clean and the landfill free from harmful substances. Participants will learn about landfill regulations and requirements, household hazardous waste, waste separation and screening, waste reduction and segregation, recycling, personal protection equipment, and much more.

These courses are hosted by AK Forum, Inc with trainers and expertise provided in cooperation with Solid Waste Administration of North America, (SWANA), Alaska Chapter. Total Reclaim will also be presenting training regarding managing and shipping of electronic or other waste as well as a basic training on the need to retain cfc appliances. AK Forum will provide a limited number of \$500 reimbursement scholarships for qualified attendees travel expenses.

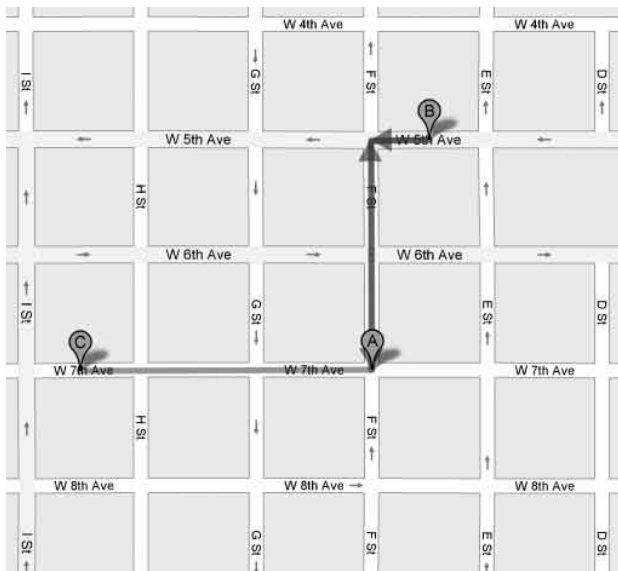
Applications are available now for each training.

Contact:

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Conference Maps



A. Dena'ina Convention Center
600 W. Seventh Ave Anchorage, AK 99510

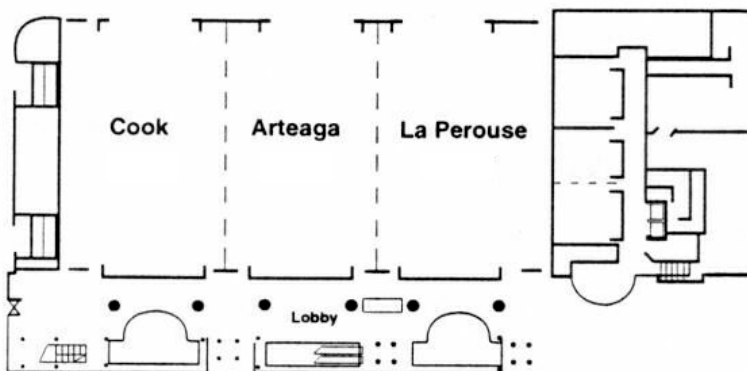
B. Egan Civic & Convention Center
555 W 5th Ave Anchorage, AK 99501

C. Anchorage Marriott Downtown
820 W. 7th Ave Anchorage, AK 99501

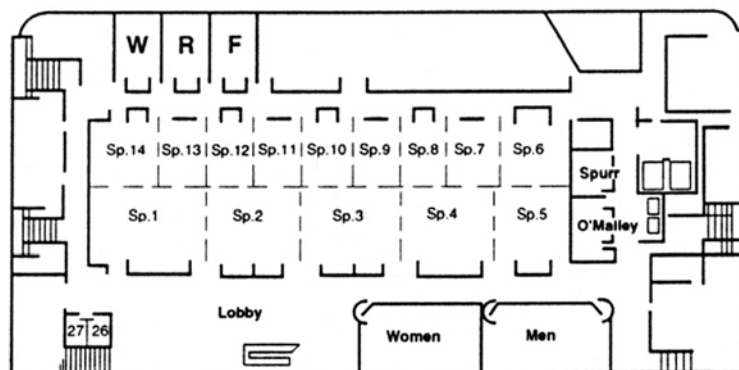
Alaska Forum on the Environment
Registration Services and all Keynote Events
will be located at the Dena'ina Convention Center,
TIKAHTNU (COOK INLET) BALLROOM, 3rd Floor

EGAN CENTER FLOORPLANS

Explorers Hall - Street Level

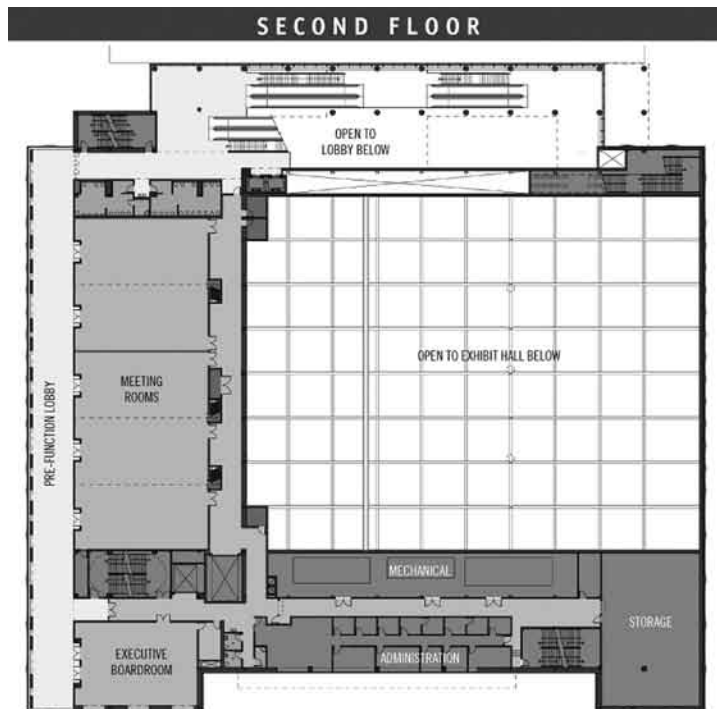


Summit Hall

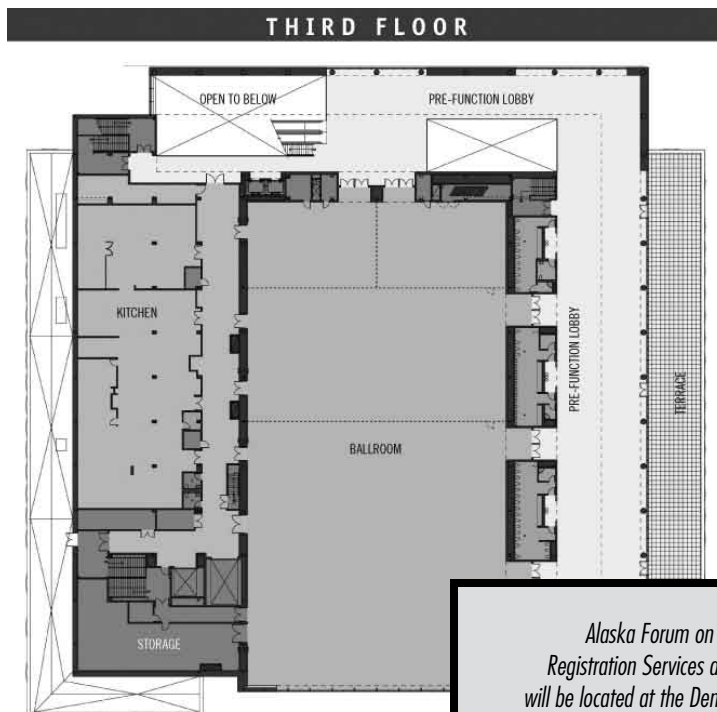


DENA'INA CENTER FLOORPLANS

**2nd FLOOR: KAHTNU (KENAI) - MEETING ROOMS 1 & 2
TUBUGHNENQ' (TYONEK) - MEETING ROOMS 3, 4 & 5
K'ENAKATNU (KNIK) EXECUTIVE BOARD ROOM**



3rd FLOOR: TIKAHTNU (COOK INLET) - BALLROOM



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2009
Alaska Forum
on the Environment

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